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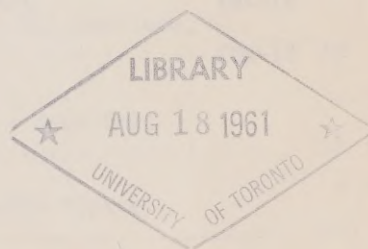
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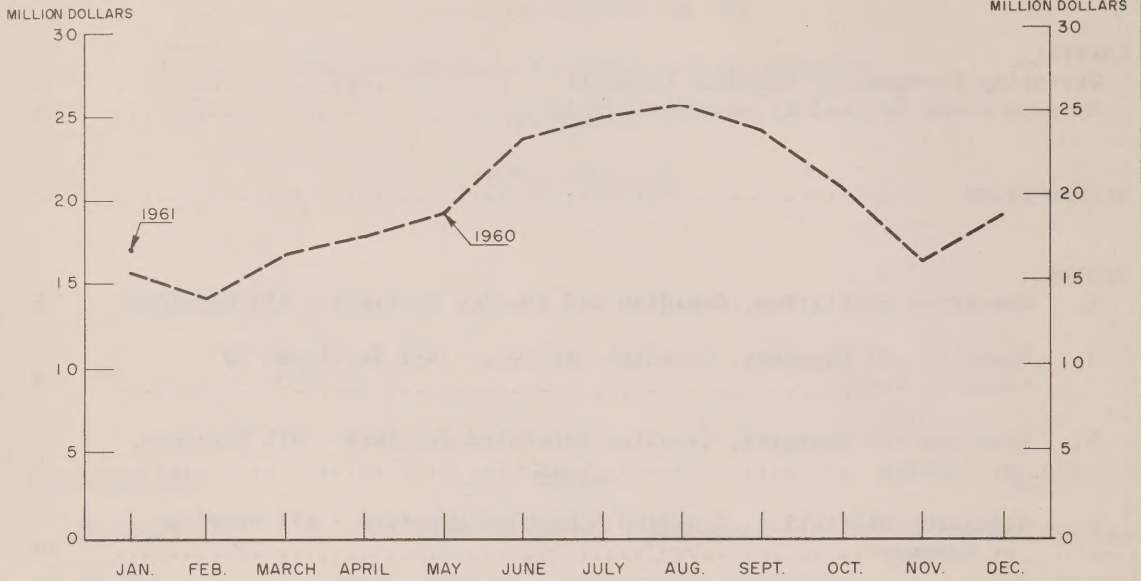
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SYMBOLS

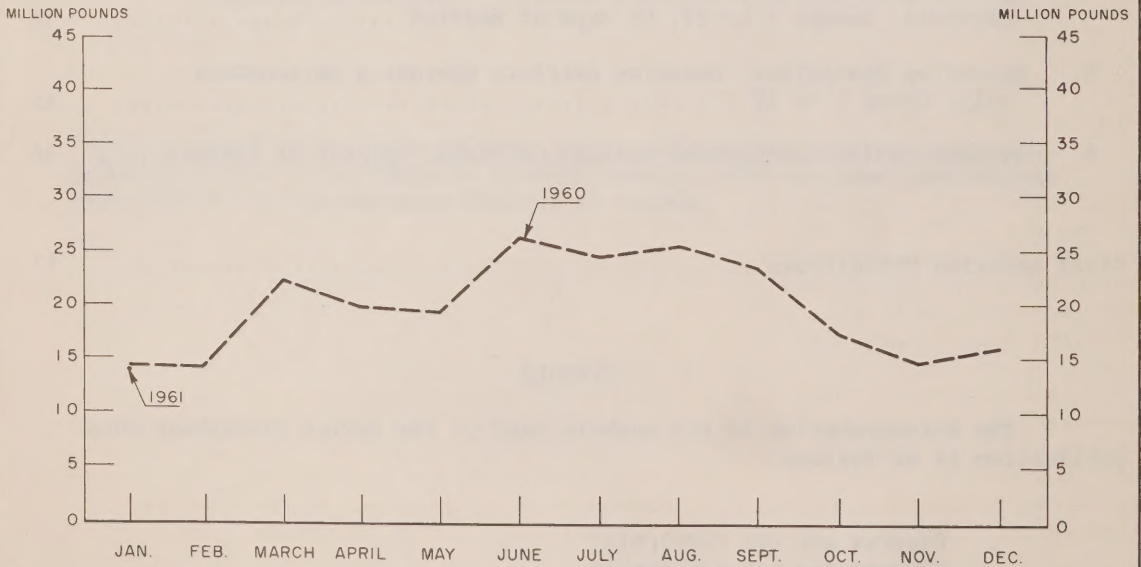
The interpretation of the symbols used in the tables throughout this publication is as follows:

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OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE CARGO CARRIED BY CANADIAN CARRIERS 1960-1961



INTRODUCTION

During the month of January, Canadian air carriers transported 4.3 per cent more revenue passengers and 0.3 per cent more revenue goods than in the first month of 1960. Passengers carried increased to 343,932 from 329,709 and goods rose to 14,420,621 lbs. from 14,378,313 lbs. Revenue miles flown declined substantially to 6,966,063 from 7,551,082. Both operating revenues and operating expenses were up, the revenues rising 8.5 per cent to \$16,919,117 from \$15,599,168 and the expenses increasing 11 per cent to \$20,007,893 from \$18,018,614. The operating deficit for the month, therefore, was greater than the deficit reported in January, 1960, amounting to \$3,088,776 as compared with \$2,419,446 in the previous year. The deficit, after provision for income taxes, rose to \$3,718,816 from \$2,773,078.

A total of 328,635 revenue passengers or 95.6 per cent of all passengers carried and 8,709,189 lbs. of revenue goods or 60.4 per cent of all goods were transported on unit toll services. In January, 1960, 314,824 revenue passengers or 95.5 per cent of the total and 7,941,937 lbs. of revenue goods or 55.2 per cent of the total were carried on these same services. A complete breakdown of unit toll services into scheduled and non-scheduled services is not possible since some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

In January, 1961, the six scheduled carriers transported considerably more revenue passengers than in the corresponding month of the previous year but their share of the total traffic remained approximately the same. Passengers carried amounted to 322,056 or 93.8 per cent of the total as against 307,846 or 93.4 per cent in 1960. These carriers also transported, in January, 1961, 8,561,521 lbs. of revenue goods or 59.4 per cent of all revenue goods carried as compared with 8,874,632 lbs. or 61.7 per cent in January, 1960. The scheduled carriers were also responsible for 90 per cent of the operating revenues earned by Canadian air carriers and for 90.2 per cent of the operating expenses. Corresponding percentages for January, 1960, were 90.7 per cent and 89.2 per cent, respectively.

Table 7 presents information on specialty flying services of Canadian air carriers. During the month, a total of 3,716 revenue hours were flown as compared with 3,689 hours in the first month of 1960. Revenues reported amounted to \$291,907, well above the total revenue of \$160,634 recorded in the previous January.

Data for companies operating helicopters only are shown in Table 8. These companies operated 100 aircraft in January, 1961, approximately 75 per cent of all helicopters in Canada. They flew 735 revenue hours, an increase of 5.6 per cent over the 696 revenue hours flown in the corresponding month of 1960. Their operating revenues rose to \$191,999 from \$113,259, a gain of 69.5 per cent, whereas their operating expenses advanced 8.8 per cent to \$321,301 from \$295,436. The operating deficit was, therefore, reduced to \$129,302 from \$179,756.

Foreign carriers licensed to operate in Canada transported 51,322 revenue passengers in the first month of 1961, approximately the same number reported in January of the previous year (51,738). Revenue goods carried advanced 28.9 per cent, however, to 1,477,933 lbs. in 1961 from 1,146,413 lbs. in 1960. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

January, 1961

	Canadian carriers					Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers (3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ..	6	20	50	70	76	10	7	93	
<u>Transportation services:</u>									
Unit toll:									
Revenue departures	17,033	2,069	922	2,991	20,024	..	..	..
Revenue hours flown	24,948	2,138	593	2,731	27,679	402	615	28,696	
Revenue miles scheduled ...	5,258,098	..	...	...	5,258,098	137,939	238,540	5,634,577	
Revenue miles flown:									
Scheduled services	5,358,677	...	...	...	5,358,677	94,361	249,520	5,702,558	
Non-scheduled services ..	346,364	251,672	71,375	323,047	669,411	-	-	669,411	
Totals	5,705,041	251,672	71,375	323,047	6,028,088	94,361	249,520	6,371,969	
Revenue passengers carried ..	319,666	5,421	3,548	8,969	328,635	40,007	10,512	379,154	
Revenue goods carried:									
Cargo	4,695,696	337,194	183,391	520,585	5,216,281	555,422	700,925	6,877,861	
Excess baggage	382,831	5,745	16,657	22,402	405,233	118,286	103,300	3,309,261	
Mail	2,853,153	210,975	23,547	234,522	3,087,675	673,708	804,225	10,187,122	
Totals	7,931,680	553,914	223,595	777,509	8,709,189	1,821,831	10,715,793	225,011,378	
Revenue passenger-miles ...	211,329,782	930,180	213,792	1,143,972	212,473,754	13,135	293,102	2,744,530	
Revenue goods ton-miles:									
Cargo	2,237,626	104,385	7,583	111,968	2,349,594	2,096	341,886	1,150,118	
Excess baggage	86,094	2,003	602	2,605	88,699	15,231	-	3,894,648	
Mail	1,068,697	29,523	1,018	30,541	1,099,238	-	-	8,247	
Totals	3,392,417	135,911	9,203	145,114	3,537,531	-	-	945,624	
Bulk:									
Revenue - Departure	806	3,568	3,607	7,175	7,981	..	..	..
Hours flown	1,036	4,434	2,747	7,181	8,217	2	28	8,247	
Miles flown	141,376	494,293	302,306	796,599	937,975	349	7,300	945,624	
Passengers carried ..	2,390	7,617	5,290	12,907	15,297	-	803	16,100	
Freight carried . lb.	629,841	3,852,926	1,228,665	5,081,591	5,711,432	-	-	5,711,432	
<u>Non-transportation services:</u>									
Specialty flying:									
Revenue hours flown	16	1,080	2,620	3,700	3,716	-	-	3,716	

See footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

January, 1961

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic: (5)										
Revenue:										
Departures	No. 17,839	5,637	4,529	10,166	28,005	..	..	..	..
Hours flown	" 26,000	7,652	5,960	13,612	39,612	404	643	40,659	..	
Miles flown	" 5,846,417	745,965	373,681	1,119,646	6,966,063	94,710	256,820	7,317,593	..	
Passengers carried	" 322,056	13,038	8,838	21,876	343,932	40,007	11,315	395,254	..	
Cargo carried	lb. 5,325,537	4,190,120	1,412,056	5,602,176	10,927,713	555,422(6)	700,925(6)	12,589,293(6)	..	
Goods carried	" 8,561,521	4,406,840	1,452,260	5,859,100	14,420,621	673,708	804,225	15,898,554	..	
Non-revenue:										
Hours flown	No. 1,289	552	333	885	2,174	7	-	2,181	..	
Passengers carried	" ..	103	2	105	..	598	496	..	..
Goods carried	lb. 10,521,031	18,841	-	18,841	..	14,230	48,664	..	..
Passenger-miles	No. 512,823	71,093	156	71,249	10,592,280	24,226	401,370	11,017,876	..	
Goods ton-miles	" ..	8,066	-	8,066	520,889	645	16,841	538,375	..	
Fuel consumed:										
Turbo fuel - Quantity	gal. 8,281,203	-	-	-	8,281,203	308,385	1,523,104	10,112,692	..	
Cost	\$ 1,148,589	-	-	-	1,148,589	45,036	259,153	1,452,778	..	
Gasoline - Quantity	gal. 2,697,209	447,982	94,611	542,593	3,239,802	92,113	148,867	3,480,782	..	
Cost	\$ 807,807	178,394	41,906	220,300	1,028,107	26,477	35,832	1,090,416	..	
Oil consumed:										
Turbo aircraft - Quantity ..	gal. 1,557	-	-	-	1,557	26	45	1,628	..	
Cost	\$ 15,831	-	-	-	15,831	201	502	16,534	..	
Other aircraft - Quantity ..	gal. 39,319	5,231	1,400	6,631	45,950	1,013	1,442	48,405	..	
Cost	\$ 34,624	7,292	1,967	9,259	43,883	778	1,685	46,346	..	
Average number of employees:										
Flying personnel	No. 2,138	437	159	596	2,734	..	..	..	..
Other personnel	" 13,097	776	418	1,194	14,291	..	..	..	..
Totals	" 15,235	1,213	577	1,790	17,025	278	611	17,914	..	
Salaries and wages paid:										
Flying personnel	\$ 1,548,860	224,885	76,127	301,012	1,849,872	..	..	..	..
Other personnel	\$ 5,807,920	323,903	157,935	481,838	6,289,758	..	..	..	..
Totals	\$ 7,356,780	548,788	234,062	782,850	8,139,630	124,657	257,051	8,521,338	..	

(1) Nordair Ltd. included with Group III carriers for purposes of this report.
 (2) See Introduction, page 5, last paragraph.
 (3) Includes fifth freedom traffic between United States and Canada.
 (4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.
 (5) Except for hours flown these data relate to transportation services only.
 (6) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

January, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	12,143,068	547,713	12,690,781	122,159	39,556	161,715	12,852,496	
Express	195,765	43,670	239,435	7,865	7,059	14,924	254,359	
Freight	522,034	112,877	634,911	58,498	4,913	63,411	696,322	
Excess baggage	63,176	17,459	80,635	2,295	860	3,155	83,790	
Mail	958,070	110,902	1,068,972	93,292	5,371	98,663	1,167,635	
Total unit toll transportation	13,882,113	832,621	14,714,734	284,109	57,759	341,868	15,056,602	
Bulk transportation	35,815	177,336	213,151	688,182	205,031	893,213	1,106,364	
Total transportation	13,917,928	1,009,957	14,927,885	972,291	262,790	1,235,081	16,162,966	
Specialty flying services	-	1,257	1,257	226,514	67,921	294,435	295,692	
Total flying services	13,917,928	1,011,214	14,929,142	1,198,805	330,711	1,529,516	16,458,658	
Non-flying services	253,310	39,379	292,689	67,162	100,608	167,770	460,459	
Total operating revenues	14,171,238	1,050,593	15,221,831	1,265,967	431,319	1,697,286	16,919,117	
Operating expenses:								
Flying operations	3,977,851	520,732	4,498,583	550,779	192,187	742,966	5,241,549	
Maintenance	3,933,060	264,020	4,197,080	414,130	133,695	547,825	4,744,905	
General services and administration:								
Passenger service	1,423,850	25,155	1,449,005	-	-	-	-	
Aircraft and traffic servicing	2,678,134	184,022	2,862,156	-	-	-	-	
Promotion and sales	2,227,835	72,202	2,300,037	-	-	-	-	
General administration	693,927	95,143	789,070	-	-	-	-	
Totals	7,023,746	374,522	7,398,268	275,074	109,011	384,085	7,782,353	
Depreciation and amortization	1,798,169	158,610	1,956,779	193,579	88,728	282,307	2,239,086	
Total operating expenses	16,732,826	1,317,884	18,050,710	1,433,562	523,621	1,957,183	20,007,893	
Operating income (loss)	Dr. 2,561,588	Dr. 267,291	Dr. 2,828,879	Dr. 167,595	Dr. 92,302	Dr. 259,897	Dr. 3,088,776	
Non-operating income - net:								
Capital gains and losses	-	80	80	953	-	953	1,033	
Interest and discounts	320,017	3,632	323,649	337	123	460	326,109	
Miscellaneous non-operating income	5,697	2,435	Dr. 3,262	Dr. 7,695	100	Dr. 7,595	Dr. 10,857	
Income before interest expense	Dr. 2,247,268	Dr. 261,144	Dr. 2,508,412	Dr. 174,000	Dr. 92,079	Dr. 266,079	Dr. 2,774,491	
Interest expense	864,830	33,442	898,272	30,536	8,021	38,557	936,829	
Income before income taxes	Dr. 3,112,098	Dr. 294,586	Dr. 3,406,684	Dr. 204,536	Dr. 100,100	Dr. 304,636	Dr. 3,711,320	
Provision for income taxes	-	425	425	6,889	182	7,071	7,496	
Net income after income taxes	Dr. 3,112,098	Dr. 295,011	Dr. 3,407,109	Dr. 211,425	Dr. 100,282	Dr. 311,707	Dr. 3,718,816	

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

January, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	2,175,811	82,211	146,652	224,192	94,658	9,967,257	12,680,781	
Express	11,641	-	8,245	34,438	987	184,124	239,435	
Freight	172,701	57,642	34,426	-	20,809	349,333	634,911	
Excess baggage	18,079	1,041	7,492	7,157	1,769	45,097	80,635	
Mail	128,899	19,060	41,384	34,177	16,281	829,171	1,068,972	
Total unit toll transportation	2,507,131	159,954	238,199	299,964	134,504	11,374,982	14,714,734	
Bulk transportation	9,138	29,301	126,507	1,411	20,117	26,677	213,151	
Total transportation	2,516,269	189,255	364,706	301,375	154,621	11,401,659	14,927,885	
Specialty flying services	-	-	1,257	-	-	-	1,257	
Total flying services	2,516,269	189,255	365,963	301,375	154,621	11,401,659	14,929,142	
Non-flying services	15,310	10,354	25,099	1,817	2,109	238,000	292,689	
Total operating revenues	2,531,579	199,609	391,062	303,192	156,730	11,639,659	15,221,831	
Operating expenses:								
Flying operations	1,071,267	79,136	211,987	117,733	111,876	2,906,584	4,498,583	
Maintenance	691,858	34,744	122,062	85,757	21,457	3,241,202	4,197,080	
General services and administrations:								
Passenger service	239,329	4,728	13,510	4,898	2,019	1,184,521	1,449,005	
Aircraft and traffic servicing	526,979	31,238	118,724	25,531	8,529	2,157,355	2,862,156	
Promotion and sales	479,910	3,785	14,220	36,581	17,646	1,747,925	2,300,037	
General administration	165,300	16,433	40,504	18,170	18,036	528,627	787,070	
Totals	1,405,318	56,184	186,958	85,180	46,200	5,618,428	7,398,268	
Depreciation and amortization	301,863	20,029	62,113	61,507	14,961	1,496,306	1,956,779	
Total operating expenses	3,470,306	190,093	583,120	350,177	194,494	13,262,520	18,050,710	
Operating income (loss)	Dr. 938,777	9,516	Dr. 192,058	Dr. 46,985	Dr. 37,764	Dr. 1,622,861	Dr. 2,828,879	
Non-operating income - net:								
Capital gains and losses	-	80	-	-	-	-	80	
Interest and discounts	4,882	3,624	-	3	5	315,215	323,649	
Miscellaneous non-operating income	Dr. 6,084	4	2,450	Dr. 30	11	387	3,262	
Income before interest expense	Dr. 940,009	13,224	Dr. 189,608	Dr. 47,012	Dr. 37,748	Dr. 1,307,259	Dr. 2,508,412	
Interest expense	-	2,921	9,471	11,507	9,543	864,830	898,272	
Income before income taxes	Dr. 940,009	10,303	Dr. 199,079	Dr. 58,519	Dr. 47,291	Dr. 2,172,089	Dr. 3,406,684	
Provision for income taxes	-	425	-	-	-	-	425	
Net income after income taxes	Dr. 940,009	9,878	Dr. 199,079	Dr. 58,519	Dr. 47,291	Dr. 2,172,089	Dr. 3,407,109	

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

January, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services									
Unit toll:									
Revenue departures	No.	1,636	11,919	13,555	646	1,052	1,129	651	3,478
Revenue hours flown	"	4,041	17,356	21,397	680	1,294	788	789	3,551
Revenue miles scheduled	"	1,067,103	3,949,711	5,016,814	28,376	80,221	105,895	26,792	241,284
Revenue miles flown:									
Scheduled services - Regular	"	1,045,975	3,869,551	4,915,526	23,399	68,370	103,806	25,462	221,037
Extra section	"	4,499	193,054	197,553	940	8,992	14,629	-	24,561
Non-scheduled services	"	45,704	-	45,704	91,378	101,466	26,838	80,978	300,660
Totale	"	1,096,178	4,062,605	5,158,783	115,717	178,828	145,273	106,440	546,258
Ratio of regular miles flown to miles scheduled		98.0	98.0	...	82.5	85.2	98.0	95.0	...
Revenue passengers carried	No.	26,661	267,997	294,658	4,136	7,258	10,846	2,768	25,008
Revenue goods carried:									
Express	1b.	55,977	667,567	723,544	-	24,006	320,861	5,775	350,642
Freight	"	265,306	2,152,937	2,418,243	855,624	241,504	-	106,139	1,203,267
Excess baggage	"	20,008	286,643	306,651	8,776	20,690	59,736	6,978	96,180
Mail	"	144,166	2,144,857	2,289,023	115,745	117,187	286,539	44,659	564,130
Totale	"	485,457	5,232,004	5,717,461	980,145	403,387	667,136	163,551	2,214,219
Revenue passenger-miles:									
Scheduled services	No.	38,638,509	165,210,690	203,849,199	280,607	900,089	2,113,269	387,847	3,681,812
Non-scheduled services	"	894,672	-	894,672	598,869	1,126,138	540,133	638,959	2,904,099
Totale	"	39,533,181	165,210,690	204,743,871	879,476	2,026,227	2,653,402	1,026,806	6,585,911
Available seat-miles on scheduled services	"	81,341,638	248,036,666	329,378,304	599,586	1,972,318	4,465,576	-	-
Passenger load factor on scheduled services		47.5	66.6	...	46.8	45.6	47.3	-	...
Revenue goods ton-miles:									
Express - Scheduled services	No.	13,982	210,038	224,020	-	94	28,348	547	28,989
Non-scheduled services	"	551	-	551	-	8,638	5,774	815	15,227
Totale	"	14,533	210,038	224,571	-	8,732	34,122	1,362	44,216
Freight - Scheduled services	"	407,217	1,257,405	1,664,622	4,428	2,439	-	503	7,370
Non-scheduled services	"	1,722	-	1,722	202,174	73,989	-	18,962	295,125
Totale	"	408,939	1,257,405	1,666,344	206,602	76,428	-	19,465	302,495
Revenue goods ton-miles on scheduled services									
Express	No.	13,982	210,038	224,020	-	94	28,348	547	28,989
Non-scheduled services	"	551	-	551	-	8,638	5,774	815	15,227
Totale	"	14,533	210,038	224,571	-	8,732	34,122	1,362	44,216
Freight	"	407,217	1,257,405	1,664,622	4,428	2,439	-	503	7,370
Non-scheduled services	"	1,722	-	1,722	202,174	73,989	-	18,962	295,125
Totale	"	408,939	1,257,405	1,666,344	206,602	76,428	-	19,465	302,495

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

January, 1961

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	Group I carriers			Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)		Total (1)
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services : No.	20,054	51,546	71,600	224	1,120	5,476	458	7,278	78,878
Non-scheduled services	108	-	108	872	3,489	1,353	1,394	7,108	7,216
Totals	20,162	51,546	71,708	1,096	4,609	6,829	1,852	14,386	86,094
Mail - Scheduled services	88,044	901,579	989,623	3,988	806	22,543	1,510	28,847	1,018,470
Non-scheduled services	3,018	-	3,018	7,857	33,484	743	5,125	47,209	50,227
Totals.....	91,062	901,579	992,641	11,845	34,290	23,286	6,635	76,056	1,068,697
Total - Scheduled services	529,297	2,420,568	2,949,865	8,640	4,459	56,367	3,018	72,484	3,022,349
Non-scheduled services	5,399	-	5,399	210,903	119,600	7,870	26,296	364,669	370,068
Totals.....	534,696	2,420,568	2,955,264	219,543	124,059	64,237	29,314	437,153	3,392,417
Available ton-miles on scheduled services.....	9,992,550	33,349,988	43,342,538	70,463	194,977	549,609	-	-	-
Weight load factor on scheduled services (2)	44.0	56.8	...	52.1	48.5	48.7	-	...	...
<u>Bulk:</u>									
Revenue - Departures	4	25	29	65	552	2	158	777	806
Hours flown	16	69	85	107	687	6	151	951	1,036
Miles flown	3,574	14,328	17,902	18,107	84,201	940	20,226	123,474	141,376
Passengers carried	306	471	777	319	1,118	-	176	1,613	2,390
Freight carried	-	28,721	28,721	235,400	277,930	14,372	73,418	601,120	629,841
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	-	-	-	16	-	-	16	16
<u>Total - All services</u>									
<u>Traffic: (3)</u>									
Revenue:									
Departures	1,640	11,944	13,584	711	1,604	1,131	809	4,255	17,839
Hours flown	4,057	17,425	21,482	787	1,997	794	940	4,518	26,000
Miles flown	1,099,752	4,076,933	5,176,685	133,824	263,029	146,213	126,666	669,732	5,846,417
Passengers carried	26,967	268,468	295,435	4,455	8,376	10,846	2,944	25,621	322,056
Cargo carried	321,283	2,849,225	3,170,508	1,091,024	543,440	335,233	185,332	2,155,029	5,325,537
Goods carried	485,457	5,260,725	5,746,182	1,215,545	681,317	681,508	236,969	2,815,339	8,561,521

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
January, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic (3) - Concluded:									
Non-revenue:									
Hours flown	183	921	1,104	24	74	75	12	185	1,289
Passengers carried	779	..	..	177	165	152	57	551	..
Goods carried	96,621	..	..	20,284	31,745	-	9,311	61,340	..
Passenger-miles	1,471,471	8,856,467	10,327,938	49,732	75,425	41,523	26,413	193,093	10,521,031
Goods ton-miles	164,618	329,867	494,485	4,344	11,305	-	2,689	18,338	512,823
Fuel consumed:									
Turbo fuel - Quantity	1,394,512	6,692,304	8,086,816	45,035	-	149,352	-	194,387	8,281,203
Cost	236,674	867,710	1,104,384	10,885	-	33,320	-	44,205	1,148,589
Gasoline - Quantity	592,680	1,748,503	2,341,183	85,372	181,472	21,052	68,130	356,026	2,697,209
Cost	183,748	478,207	661,955	28,078	81,199	8,064	28,511	145,852	807,807
Oil consumed:									
Turbo aircraft - Quantity	566	729	1,295	-	-	262	-	262	1,557
Cost	5,650	8,261	13,911	-	-	1,920	-	1,920	15,831
Other aircraft - Quantity	8,181	26,037	34,218	1,376	2,140	260	1,325	5,101	39,319
Cost	7,111	21,668	28,779	1,331	2,675	514	1,325	5,845	34,624
Average number of employees:									
Flying personnel	422	1,509	1,931	33	88	48	38	207	2,138
Other personnel	2,268	9,818	12,086	154	476	243	138	1,011	13,097
Totals	2,690	11,327	14,017	187	564	291	176	1,218	15,235
Salaries and wages paid:									
Flying personnel	307,475	1,095,243	1,402,718	22,480	75,839	25,349	22,474	146,142	1,548,860
Other personnel	925,846	4,493,515	5,419,361	57,847	193,288	86,982	50,442	388,559	5,807,920
Totals	1,233,321	5,588,758	6,822,079	80,327	269,127	112,331	72,916	534,701	7,356,780

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company
January, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	22,140	3,738	6,958	10,846	2,352	231,724	277,758
Domestic interline	2,671	398	-	-	-	36,273	41,019
Foreign interline	1,677	-	-	-	-	-	-
Totals (2)	26,488	4,136	6,958	10,846	2,352	267,997	318,777
Revenue express carried:							
Originated	55,977	-	24,006	320,861	5,775	667,567	1,074,186
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	55,977	-	24,006	320,861	5,775	667,567	1,074,186
Revenue freight carried:							
Originated	198,631	681,471	215,808	-	41,732	2,152,937	3,290,579
Domestic interline	5,069	-	-	-	-	-	5,069
Foreign interline	28,192	-	-	-	-	-	28,192
Totals (2)	231,892	681,471	215,808	-	41,732	2,152,937	3,323,840
Revenue excess baggage carried:							
Originated	17,166	8,776	20,430	59,736	6,590	237,957	350,655
Domestic interline	468	-	-	-	-	946	1,414
Foreign interline	2,310	-	-	-	-	27,740	30,050
Totals (2)	19,944	8,776	20,430	59,736	6,590	266,643	382,119
Revenue mail carried:							
Originated	144,166	115,745	109,756	286,539	14,432	2,144,857	2,815,495
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	144,166	115,745	109,756	286,539	14,432	2,144,857	2,815,495

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board. (2) Excludes Division Interline.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service
January, 1961

	Trans- Border and Polar Services	Trans- Atlantic Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 2,142	369	410	113	3,034	10,521	13,555
Revenue hours flown	" 3,364	1,576	1,732	902	7,574	13,823	21,397
Revenue miles scheduled	" 729,101	547,071	424,094	285,905	1,986,171	3,030,643	5,016,814
Revenue miles flown:							
Scheduled services - Regular	700,368	544,721	420,134	272,070	1,937,293	2,978,233	4,915,526
Extra sections	23,984	3,320	28,751	-	56,055	141,498	197,553
Non-scheduled services	" -	-	-	-	-	45,704	45,704
Totals	" 724,352	548,041	448,885	272,070	1,993,348	3,165,435	5,158,783
Ratio of regular miles flown to miles scheduled	96.1	99.6	99.1	95.2	97.5	98.3	98.0
Revenue passenger-miles	No. 22,988,221	28,526,815	18,594,753	8,752,005	78,861,794	125,882,077	204,743,871
Available seat-miles on scheduled services	" 34,599,981	56,146,075	32,163,108	19,897,803	142,806,967	186,571,337	329,378,304
Passenger load factor on scheduled services	66.4	50.1	57.8	44.0	55.2	67.5	62.2
Revenue goods ton-miles:							
Express	No. 35,118	-	-	-	35,118	189,453	224,571
Freight	" 126,194	343,306	112,406	201,086	782,992	883,352	1,666,344
Excess baggage	" 14,629	21,313	21,313	2,879	49,886	21,822	71,708
Mail	" 31,880	151,773	18,191	37,632	239,476	753,165	992,641
Totals	" 204,257	509,708	151,910	241,597	1,107,472	1,847,792	2,955,264
Available ton-miles on scheduled services	" 3,910,696	7,075,769	4,310,429	2,510,032	17,806,926	25,535,612	43,342,538
Weight load factor on scheduled services (1)	64.0	47.5	46.7	44.5	50.5	56.2	53.8

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service
January, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,146	36,536	-	-
Recreational flying	443	6,677	-	-
Aerial photography and survey	331	131,272	-	-
Aerial photography (excl. survey)	17	333	-	-
Aerial pest control	-	-	-	-
Aerial advertising	1	75	-	-
Aerial patrol and inspection	492	49,195	-	-
Philanthropic	3	Dr.	49	-
Aerial fish cultivation	-	-	-	-
Geophysical survey	247	39,812	-	-
Non-transportation charter	12	21,376	-	-
Other specialty flying	24	6,680	-	-
Total specialty flying	3,716	291,907	-	-

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV
January, 1961

	Month	Year to date
Revenue hours flown	735	-
Average number of aircraft	100	-
Average number of employees:		
Flying personnel	211	-
Other personnel	126	-
Totals	337	-
Salaries and wages paid:		
Flying personnel	85,323	-
Other personnel	85,703	-
Totals	171,026	-
Operating revenues:		
Bulk transportation	135,317	-
Other flying services	8,069	-
Non-flying services	48,613	-
Totals	191,999	-
Operating expenses:		
Flying operations	107,926	-
Maintenance	69,991	-
General services and administration ..	58,293	-
Depreciation and amortization	85,091	-
Totals	321,301	-
Operating income (loss)	Dr. 129,302	-
Net income (deficit) after income taxes	Dr. 134,461	-

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
January, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	20,128	19,879	40,007	3,954	5,792	9,746
Bulk transportation	"	-	-	-	233	570	803
Totals	"	20,128	19,879	40,007	4,187	6,362	10,549
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	104,964	450,458	555,422	203,206	493,315	696,521
Bulk transportation	"	-	-	-	-	-	-
Totals	"	104,964	450,458	555,422	203,206	493,315	696,521
Mail carried (Unit toll transportation) ..	"	36,481	81,805	118,286	26,538	75,557	102,095
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	410	356	766	24,492	26,027	50,519
Bulk transportation	"	-	-	-	233	570	803
Totals	"	410	356	766	24,725	26,597	51,322
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	3,117	1,287	4,404	311,287	945,060	1,256,347
Bulk transportation	"	-	-	-	-	-	-
Totals	"	3,117	1,287	4,404	311,287	945,060	1,256,347
Mail carried (Unit toll transportation) ..	"	870	335	1,205	63,889	157,697	221,586

CIVIL AVIATION DEFINITIONS

- Unit Toll Transportation: Transportation of passengers or goods at a toll per unit. It includes:
- (i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and
 - (ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
- Bulk Transportation: Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
- Specialty Flying Services: Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
- Scheduled Carriers: Carriers operating some unit toll scheduled service.
- Non-Scheduled Carriers: Carriers not operating any unit toll scheduled service.
- Revenue Classification of Canadian Carriers:
- Group I Carriers: Trans-Canada Air Lines and Canadian Pacific Air Lines.
 - Group II Carriers: All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Ltd.
 - Group III Carriers: All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
 - Group IV Carriers: All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
 - Group V Carriers: All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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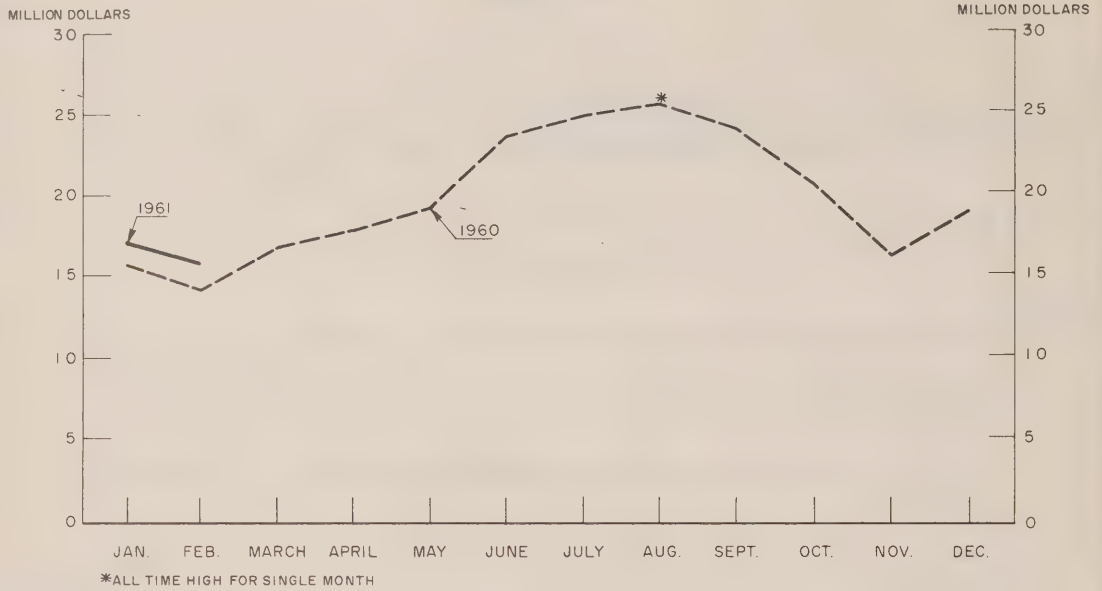
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SYMBOLS

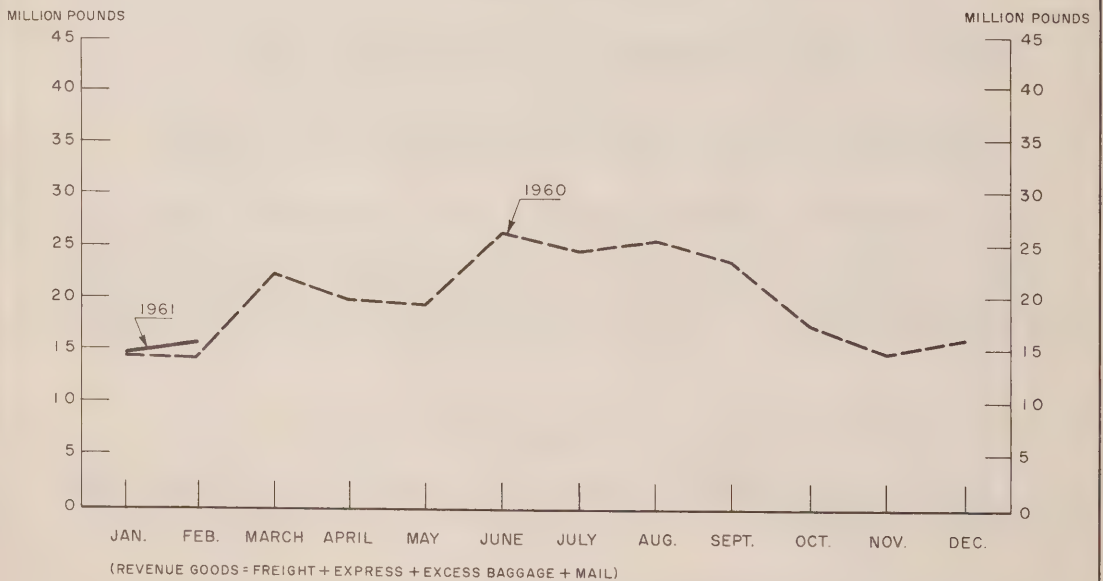
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- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1960-1961



INTRODUCTION

For the month of February more revenue passengers were transported by Canadian air carriers than for the corresponding month in 1960, rising 5.9 per cent to 311,899 from 294,566. The volume of revenue goods transported rose 9.1 per cent to 15,518,992 lbs. from 14,225,111 lbs. while the miles flown declined 9.7 per cent to 6,379,033 from 7,064,946. The operating revenues increased to \$15,778,889 from \$14,349,924 while the operating expenses rose to \$19,361,379 from \$17,799,571. The operating deficit for the month therefore was greater than the deficit reported in February, 1960, amounting to \$3,582,490 compared with \$3,449,647 in the previous year. The deficit, after provision for income taxes rose to \$4,294,084 from \$3,601,279.

A total of 296,596 revenue passengers or 95.1 per cent of all passengers carried and 8,848,282 lbs. of revenue goods or 57 per cent of all goods were transported on unit toll services for this month. In February 1960, 278,166 revenue passengers or 94.4 per cent of the total and 9,082,525 lbs. of revenue goods or 63.8 per cent of the total were carried on these same services. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

For the first two months of 1961 Canadian carriers transported 5.1 per cent more passengers and 4.7 per cent more revenue goods than in the corresponding period of 1960. The number of passengers rose to 655,831 from 624,275 and the volume of goods to 29,939,613 lbs. from 28,603,424 lbs. Operating revenues and expenses also increased, the revenues rising to \$32,698,066 from \$30,072,216 while the expenses rose to \$39,369,272 from \$35,977,992.

The six scheduled carriers transported 292,305 revenue passengers or 93.7 per cent of the total as against 274,083 passengers or 93.0 per cent. The revenue goods transported amounted to 9,318,943 lbs. or 60 per cent of the total while the February 1960 figure was 9,082,525 lbs. or 63.8 per cent. The scheduled carriers were also responsible for 89.4 per cent of the operating revenues earned by Canadian air carriers and 89.5 per cent of the operating expenses.

Table 8 shows data for companies operating helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. They flew 851 hours a decrease of 23 per cent from the 1,111 hours flown in February 1960. The operating revenues declined to \$155,234 from \$256,813 and the operating expenses declined to \$351,620 from \$429,545, but the operating deficit rose to \$202,129 from \$174,017.

Foreign carriers licensed to operate in Canada transported 38,688 passengers compared with 51,605 in the same month in 1960, a drop of 25 per cent, whereas the revenue goods rose to 1,660,521 lbs. from 1,317,978 lbs. an increase of 26 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and in transit passengers are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services
February, 1961

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ..	6	21	51	72	78	10	8	96	...	
<u>Transportation services:</u>										
Unit toll:										
Revenue departures	15,238	2,878	662	3,540	18,778	..	..	..	..
Revenue hours flown	21,633	2,172	445	2,617	24,250	250	536	25,036	53,761	
Revenue miles scheduled ...	4,964,269	...	...	...	4,964,269	72,651	208,038	5,244,958	10,893,135
Revenue miles flown:										
Scheduled services	4,782,601(4)	...	...	...	4,782,601(4)	55,080	208,560	5,046,241(4)	10,762,399(4)
Non-scheduled services ..	306,631(4)	257,217	53,484	310,701	617,332(4)	-	-	617,332	1,286,743(4)	
Totals	5,089,232	257,217	53,484	310,701	5,399,933	55,080	208,560	5,663,573	12,049,142	
Revenue passengers carried	289,913	5,308	1,735	7,043	296,956	29,334	9,354	335,644	715,368	
Revenue goods carried:										
Cargo	4,840,550	375,430	168,178	543,608	5,384,158	510,969	925,444	7,161,696	14,053,030	
Excess baggage	3,275,584	3,483	10,058	13,541	341,125	104,077	120,031	3,347,107	6,669,915	
Mail	2,825,412	269,100	28,487	297,587	3,122,999	615,046	1,045,475	10,508,803	20,722,945	
Totals	7,993,546	648,013	206,723	854,736	8,848,282	1,195,372	6,681,441	202,423,122	427,919,000	
Revenue passenger-miles ...	193,406,423	1,029,154	110,732	1,139,886	194,546,309	1,195,372	6,681,441	202,423,122	427,919,000	
Revenue goods ton-miles:										
Cargo	2,335,157	147,389	6,435	153,824	2,488,981	12,211	338,439	2,925,891	5,675,626	
Excess baggage	84,336	1,532	392	1,924	86,260	1,750	50,829	1,122,803	2,273,749	
Mail	1,036,340	32,386	1,498	33,884	1,070,224	13,961	389,268	4,048,694	7,949,375	
Totals	3,455,833	181,307	8,325	189,632	3,645,665	13,961	389,268	4,048,694	7,949,375	
Bulk:										
Revenue - Departure	1,042	3,224	3,604	6,828	7,870	..	..	..	17,024
Hours flown	1,221	4,563	2,880	7,443	8,664	1	52	8,717	17,024	
Miles flown	170,415	488,080	320,605	808,685	979,100	72	13,690	992,862	1,949,008	
Passengers carried	2,392	7,144	5,407	12,551	14,943	120	335	15,398	31,544	
Freight carried . lb.	1,325,397	3,846,199	1,499,114	5,345,313	6,670,710	-	36,353	6,707,063	12,470,939	
<u>Non-transportation services:</u>										
Specialty flying:										
Revenue hours flown	20	1,224	2,479	3,703	3,723	-	-	3,723	7,439	

See footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

February, 1961

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Traffic: (5)										
Revenue:										
Departures	No.	16,280	6,102	4,266	10,368	26,648	..	..	..	..
Hours flown	"	22,874	7,959	5,804	13,763	36,637	251	588	37,476	78,224
Miles flown	"	5,259,647	745,297	374,089	1,119,386	6,379,033	55,152	222,250	6,656,435	13,998,150
Passengers carried	"	292,305	12,452	7,142	19,594	311,899	29,454	9,689	351,042	746,912
Cargo carried	lb.	6,165,947	4,221,629	1,667,292	5,888,921	12,054,868	510,969(6)	961,797(6)	13,868,759(6)	26,523,969(6)
Goods carried	"	9,318,943	4,494,212	1,705,837	6,200,049	15,518,992	615,046	1,081,828	17,215,866	33,193,884
Non-revenue:										
Hours flown	No.	935	741	282	1,023	1,958	5	-	1,963	4,152
Passengers carried	"	..	49	42	91	..	346	428	..	..
Goods carried	lb.	..	..	1,285	1,285	..	7,115	48,532	..	..
Passenger-miles	No.	7,724,513	11,115	6	11,121	7,735,634	14,089	332,563	8,082,286	19,112,062
Goods ton-miles	"	416,346	-	-	-	416,346	171	14,663	431,180	969,583
Fuel consumed:										
Turbo fuel - Quantity	gal.	8,579,309	-	-	-	8,579,309	199,819	1,369,203	10,148,331	20,376,852
Cost	\$	1,140,433	-	-	-	1,140,433	41,720	226,348	1,408,501	2,885,950
Gasoline - Quantity	gal.	1,919,551	439,984	95,291	535,275	2,454,826	95,561	227,672	2,778,059	6,266,561
Cost	\$	624,677	169,274	42,828	212,102	836,779	28,926	55,895	921,600	2,014,678
Oil consumed:										
Turbo aircraft - Quantity	gal.	1,369	-	-	-	1,369	37	53	1,459	3,105
Cost	\$	12,472	-	-	-	12,472	224	585	13,281	30,028
Other aircraft - Quantity	gal.	27,072	5,022	1,332	6,354	33,426	979	2,550	36,955	85,464
Cost	\$	26,453	5,928	1,932	7,860	34,313	826	2,413	37,552	84,002
Average number of employees:										
Flying personnel	No.	2,149	445	177	622	2,771	..	..	..	..
Other personnel	"	13,157	771	427	1,198	14,355	..	..	..	..
Totals	"	15,306	1,216	604	1,820	17,126	259	682	18,067	18,017
Salaries and wages paid:										
Flying personnel	\$	1,527,933	237,888	80,201	318,089	1,846,022	..	..	..	..
Other personnel	\$	5,468,994	340,174	154,684	494,858	5,963,852	..	..	..	..
Totals	\$	6,996,927	578,062	234,885	812,947	7,809,874	114,425	289,737	8,214,036	16,757,847

(1) Nordair Ltd. included with Group III carriers for purposes of this report.
 (2) See Introduction, page 5, last paragraph.
 (3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.
 (5) Except for hours flown these data relate to transportation services only.
 (6) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group
February, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (1)		Group III (1)	Group IV			
		Total			Total			
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	10,859,969	452,098	11,312,067	124,465	20,050	144,515	11,456,582	24,309,078
Express	188,811	42,397	231,208	9,135	7,071	16,206	247,414	501,773
Freight	567,052	149,540	716,592	73,445	2,967	76,412	793,004	1,491,326
Excess baggage	80,646	13,217	93,863	2,171	630	2,801	96,664	180,454
Mail	919,192	114,100	1,033,292	117,188	6,064	123,252	1,156,544	2,324,179
Total unit toll transportation	12,615,670	771,352	13,387,022	326,404	36,782	363,186	13,750,208	28,806,810
Bulk transportation	64,994	185,462	250,456	709,163	209,219	918,382	1,168,838	2,289,175
Total transportation	12,680,664	956,814	13,637,478	1,035,567	246,001	1,281,568	14,919,046	31,095,985
Specialty flying services	-	1,547	1,547	224,891	55,104	279,995	281,542	577,234
Total flying services	12,680,664	958,361	13,639,025	1,260,458	301,105	1,561,563	15,200,588	31,673,219
Non-flying services	424,459	36,489	460,948	28,196	89,157	117,353	578,301	1,038,910
Total operating revenues	13,105,123	994,850	14,099,973	1,288,654	390,262	1,678,916	15,778,889	32,712,129
Operating expenses:								
Flying operations	3,673,420	483,707	4,157,127	584,925	206,336	791,261	4,948,388	10,189,009
Maintenance	3,578,993	267,804	3,846,797	431,626	140,936	572,562	4,419,359	9,176,465
General services and administration:								
Passenger service	1,402,248	25,264	1,427,512	..	..	..	..	..
Aircraft and traffic servicing	2,465,999	194,261	2,660,260	..	..	..	..	..
Promotion and sales	2,266,657	68,615	2,335,272	..	..	..	..	..
General administration	746,817	112,124	858,941	..	..	..	..	..
Totals	6,881,721	400,264	7,281,985	266,235	104,691	370,926	7,652,911	15,440,246
Depreciation and amortization	1,874,188	179,735	2,053,923	195,761	91,037	286,798	2,340,721	4,584,857
Total operating expenses	16,008,322	1,331,510	17,339,832	1,478,547	543,000	2,021,547	19,361,379	39,392,577
Operating income (loss)	Dr. 2,903,199	Dr. 336,660	Dr. 3,239,859	Dr. 189,893	Dr. 152,738	Dr. 342,631	Dr. 3,582,490	Dr. 6,680,448
Non-operating income - net:								
Capital gains and losses	-	106	106	369	4,428	4,797	4,903	5,936
Interest and discounts	211,362	702	212,064	2,510	1,629	4,139	216,203	540,312
Miscellaneous non-operating income	27,002	157	26,845	Dr. 4,928	72	Dr. 4,856	21,989	11,168
Income before interest expense	Dr. 2,664,835	Dr. 336,009	Dr. 3,000,844	Dr. 191,942	Dr. 146,609	Dr. 338,551	Dr. 3,339,395	Dr. 6,123,032
Interest expense	864,831	32,900	897,731	30,395	8,140	38,535	936,266	1,873,887
Income before income taxes	Dr. 3,529,666	Dr. 368,909	Dr. 3,898,575	Dr. 222,337	Dr. 154,749	Dr. 377,086	Dr. 4,275,661	Dr. 7,996,919
Provision for income taxes	-	-	-	18,078	345	18,423	18,423	25,919
Net income after income taxes	Dr. 3,529,666	Dr. 368,909	Dr. 3,898,575	Dr. 240,415	Dr. 155,094	Dr. 395,509	Dr. 4,294,084	Dr. 8,022,838

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

February, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	2,082,373	58,271	153,805	162,845	77,177	8,777,596	11,312,067	24,002,848
Express	11,465	-	10,342	31,169	686	177,346	231,208	470,643
Freight	200,441	79,349	56,277	-	13,914	366,611	716,592	1,351,503
Excess baggage	18,509	804	6,484	4,747	1,182	62,137	93,863	174,498
Mail	124,930	18,930	41,599	37,354	16,217	794,262	1,033,292	2,102,264
Total unit toll transportation	2,437,718	157,354	268,707	236,115	109,176	10,177,952	13,387,022	28,101,756
Bulk transportation	39,281	28,326	134,889	1,415	20,832	25,713	250,456	463,607
Total transportation	2,476,999	185,680	403,596	237,530	130,008	10,203,665	13,637,478	28,565,363
Specialty flying services	-	-	1,347	-	-	-	1,347	2,804
Total flying services	2,476,999	185,680	405,143	237,530	130,008	10,203,665	13,639,025	28,568,167
Non-flying services	26,378	4,244	28,670	1,683	398,081	753,637	460,948	753,637
Total operating revenues	2,503,377	189,924	433,813	239,213	131,900	10,601,746	14,099,973	29,321,804
Operating expenses:								
Flying operations	1,025,100	78,666	196,404	103,404	105,233	2,648,320	4,157,127	8,655,710
Maintenance	767,842	54,892	105,850	85,328	81,733	2,811,151	3,846,797	8,043,877
General services and administrations:								
Passenger service	257,198	5,418	14,133	3,967	1,746	1,145,050	1,427,512	2,876,517
Aircraft and traffic servicing	435,143	36,500	122,097	27,381	8,283	2,030,856	2,660,260	5,522,416
Promotion and sales	499,807	4,702	13,938	35,341	14,634	1,766,850	2,335,272	4,635,309
General administration	170,583	18,155	57,754	18,974	17,241	576,234	858,941	1,646,011
Totals	1,362,731	64,775	207,922	85,663	41,904	5,518,990	7,281,885	14,880,253
Depreciation and amortization	238,116	40,741	62,417	61,616	14,961	1,586,072	2,053,923	4,010,702
Total operating expenses	3,443,789	239,074	572,593	336,012	183,831	12,564,533	17,339,832	35,390,542
Operating income (loss)	Dr. 940,412	Dr. 49,150	Dr. 138,780	Dr. 96,799	Dr. 51,931	Dr. 1,962,787	Dr. 3,239,859	Dr. 6,068,738
Non-operating income - net:								
Capital gains and losses	-	106	-	-	-	-	106	186
Interest and discounts	5,901	678	-	4	20	205,461	212,064	535,713
Miscellaneous non-operating income	Dr. 10,760	1	Dr. 506	283	65	37,762	26,845	23,583
Income before interest expense	Dr. 945,271	Dr. 48,365	Dr. 139,286	Dr. 96,512	Dr. 51,846	Dr. 1,719,564	Dr. 3,000,844	Dr. 5,509,256
Interest expense	-	3,712	8,654	11,414	9,120	864,831	897,731	1,796,003
Income before income taxes	Dr. 945,271	Dr. 52,077	Dr. 147,940	Dr. 107,926	Dr. 60,966	Dr. 2,584,395	Dr. 3,898,575	Dr. 7,305,259
Provision for income taxes	-	-	-	-	-	-	-	425
Net income after income taxes	Dr. 945,271	Dr. 52,077	Dr. 147,940	Dr. 107,926	Dr. 60,966	Dr. 2,584,395	Dr. 3,898,575	Dr. 7,305,684

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company
February, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services									
Unit toll:									
Revenue departures	No.								
Revenue hours flown	"								
Revenue miles scheduled	"								
Revenue miles flown:									
Scheduled services - Regular	"								
Extra section	"								
Non-scheduled services	"								
Totals	"								
Ratio of regular miles flown to miles scheduled									
Revenue passengers carried	No.								
Revenue goods carried:									
Express	lb.								
Freight	"								
Excess baggage	"								
Mail	"								
Totals	"								
Revenue passenger-miles:									
Scheduled services	No.								
Non-scheduled services	"								
Totals	"								
Available seat-miles on scheduled services	"								
Passenger load factor on scheduled services									
Revenue goods ton-miles:									
Express - Scheduled services	No.								
Non-scheduled services ..	"								
Totals	"								
Freight - Scheduled services	"								
Non-scheduled services ..	"								
Totals	"								

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

February, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - concluded:									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	20,896	51,606	72,502	197	1,158	4,155	247	5,757	78,259
Non-scheduled services	138	-	138	1,052	3,045	914	928	5,939	6,077
Totals	21,034	51,606	72,640	1,249	4,203	5,069	1,175	11,696	84,336
Mail - Scheduled services	93,348	857,158	950,506	3,602	902	24,997	1,509	31,010	981,516
Non-scheduled services	3,652	-	3,652	7,767	36,870	1,068	5,467	51,172	54,824
Totals	97,000	857,158	954,158	11,369	37,772	26,065	6,976	82,182	1,036,340
Total - Scheduled services	595,051	2,423,244	3,018,295	9,454	5,333	57,142	2,491	74,420	3,036,715
Non-scheduled services	6,242	-	6,242	194,324	139,339	8,554	14,659	356,876	363,118
Totals	601,293	2,423,244	3,024,537	203,778	144,672	65,696	17,150	431,296	3,455,833
Available ton-miles on scheduled services	9,261,655	31,948,846	41,210,501	72,574	180,809	440,255	..	..	..
Weight load factor on scheduled services (2)	47.6	54.3	..	49.2	48.2	45.7	..	..	..
Bulk:									
Revenue - Departures	4	30	34	152	616	4	236	1,008	1,042
Hours flown	61	54	115	152	757	6	191	1,106	1,221
Miles flown	15,117	11,928	27,045	21,202	97,019	940	24,209	143,370	170,415
Passengers carried	280	764	1,044	105	1,054	-	189	1,348	2,392
Freight carried	-	-	-	886,794	347,231	18,307	73,065	1,325,397	1,325,397
Non-transportation services									
Specialty flying:									
Revenue hours flown	-	-	-	-	20	-	-	20	20
Total - All services									
Traffic: (3)									
Revenue:									
Departures	1,556	10,647	12,203	776	1,610	908	783	4,077	16,280
Hours flown	3,826	14,843	18,669	785	1,959	615	846	4,205	22,874
Miles flown	1,036,839	3,605,451	4,642,290	128,126	260,493	113,938	114,800	617,357	5,259,647
Passengers carried	24,466	246,694	271,160	3,739	8,409	6,425	2,572	21,145	292,305
Cargo carried	328,330	2,995,380	3,323,710	1,667,624	666,922	333,070	174,621	2,842,237	6,165,947
Goods carried	489,304	5,334,199	5,823,503	1,778,817	809,566	682,401	224,856	3,495,440	9,318,943

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
February, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	183	584	767	28	106	29	5	168	935
Passengers carried	721	..	..	165	228	94	63	550	..
Goods carried	94,841	..	..	14,102	32,912	-	4,202	51,216	..
Passenger-miles	1,259,793	6,261,558	7,521,351	46,013	105,483	26,172	25,494	203,162	7,724,513
Goods ton-miles	146,327	255,131	401,458	1,667	11,991	-	1,230	14,888	416,346
Fuel consumed:									
Turbo fuel - Quantity	1,368,864	7,031,253	8,400,117	39,935	-	139,257	-	179,192	8,579,309
Cost	226,935	872,486	1,099,421	9,500	-	31,512	-	41,012	1,140,433
Gasoline - Quantity	556,876	1,011,067	1,567,943	83,273	149,550	16,290	102,495	351,608	1,919,551
Cost	171,701	314,435	486,136	27,912	71,451	5,512	33,666	138,541	624,677
Oil consumed:									
Turbo aircraft - Quantity	329	905	1,234	12	-	123	-	135	1,369
Cost	3,471	8,158	11,629	162	-	681	-	843	12,472
Other aircraft - Quantity	7,613	14,959	22,572	965	2,069	219	1,267	4,520	27,072
Cost	7,233	14,084	21,317	976	2,586	307	1,267	5,136	26,453
Average number of employees:									
Flying personnel	422	1,521	1,943	32	89	46	39	206	2,149
Other personnel	2,294	9,904	12,198	153	427	245	134	959	13,457
Totals	2,716	11,425	14,141	185	516	291	173	1,165	15,306
Salaries and wages paid:									
Flying personnel	341,545	1,041,441	1,382,986	22,868	71,165	28,401	22,513	144,947	1,527,933
Other personnel	901,770	4,146,609	5,048,379	57,537	220,322	94,196	48,260	420,615	5,468,994
Totals	1,243,315	5,188,050	6,431,365	80,705	291,487	122,597	70,773	565,562	6,996,927

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.
(2) Standard passenger weight used: 200 pounds.
(3) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

February, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	19,681	3,262	7,070	6,425	2,077	214,234	252,749
Domestic interline	2,068	372	-	-	-	31,696	36,409
Foreign interline	2,273	-	-	-	-	-	-
Totals (2)	24,022	3,634	7,070	6,425	2,077	245,930	289,158
Revenue express carried:							
Originated	90,637	-	19,583	314,763	5,369	561,035	991,387
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	90,637	-	19,583	314,763	5,369	561,035	991,387
Revenue freight carried:							
Originated	146,801	579,491	280,574	-	47,204	2,434,345	3,488,315
Domestic interline	6,157	-	-	-	-	-	6,157
Foreign interline	60,111	-	-	-	-	-	60,111
Totals (2)	213,069	579,491	280,574	-	47,204	2,434,345	3,554,683
Revenue excess baggage carried:							
Originated	18,063	6,350	21,549	35,438	4,320	210,622	296,342
Domestic interline	1,218	-	-	-	-	878	2,096
Foreign interline	2,582	-	-	-	-	25,853	28,435
Totals (2)	21,863	6,350	21,549	35,438	4,320	237,353	326,873
Revenue mail carried:							
Originated	139,022	104,843	113,906	313,893	14,880	2,101,466	2,788,010
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	139,022	104,843	113,906	313,893	14,880	2,101,466	2,788,010

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

February, 1961

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 1,753	332	380	112	2,577	9,592	12,169
Revenue hours flown	" 2,771	1,320	1,505	909	6,505	12,049	18,554
Revenue miles scheduled	" 669,160	462,233	400,668	264,448	1,796,509	2,879,832	4,676,341
Revenue miles flown:							
Scheduled services - Regular	" 566,755	455,733	397,311	244,748	1,664,547	2,729,632	4,394,179
Extra sections	" 19,649	-	27,975	33,204	80,828	95,100	175,928
Non-scheduled services	" -	-	-	-	-	45,138	45,138
Totals	" 586,404	455,733	425,286	277,952	1,745,375	2,869,870	4,615,245
Ratio of regular miles flown to miles scheduled	84.7	98.6	99.2	92.6	92.7	94.8	94.0
Revenue passenger-miles	No. 18,836,173	25,623,960	23,210,893	10,697,193	78,368,219	109,834,787	188,203,006
Available seat-miles on scheduled services	" 28,050,692	47,134,713	35,787,290	20,771,462	131,744,157	182,699,923	314,444,080
Passenger load factor on scheduled services	67.2	54.4	64.9	51.5	59.5	60.1	59.9
Revenue goods ton-miles:							
Express	No. 33,515	-	-	-	33,515	194,169	227,684
Freight	" 136,111	352,934	143,432	249,336	881,813	888,242	1,770,055
Excess baggage	" 8,349	13,163	25,035	4,015	50,562	22,078	72,640
Mail	" 35,139	114,620	21,355	43,158	216,272	739,886	954,158
Totals	" 213,114	480,717	189,822	296,509	1,180,162	1,844,375	3,024,537
Available ton-miles on scheduled services	" 3,157,581	6,023,680	4,801,267	2,628,792	16,611,320	24,599,181	41,210,501
Weight load factor on scheduled services (1)	66.4	50.5	52.3	52.0	54.3	51.8	52.8

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

February, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	1,917	27,417	4,063	63,953
Recreational flying	481	7,248	924	13,925
Aerial photography and survey	278	113,551	609	244,823
Aerial photography (excl survey)	15	332	32	665
Aerial pest control	3	60	3	60
Aerial advertising	6	405	7	480
Aerial patrol and inspection	576	62,906	1,068	112,101
Philanthropic	18	-	21	Dr. 49
Aerial fish cultivation	-	-	-	-
Geophysical survey	352	40,543	599	80,355
Non-transportation charter	44	17,810	56	39,186
Other specialty flying	33	7,503	57	14,183
Total specialty flying	3,723	277,775	7,439	569,682

TABLE 8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV

February, 1961

	Month	Year to date
Revenue hours flown	851	1,586
Average number of aircraft	93	96
Average number of employees:		
Flying personnel	208	209
Other personnel	104	115
Totals	312	324
Salaries and wages paid:		
Flying personnel	92,328	177,651
Other personnel	69,687	155,390
Totals	162,015	333,041
Operating revenues:		
Bulk transportation	147,526	282,843
Other flying services	5,114	13,183
Non-flying services	2,594	51,207
Totals	155,234	347,233
Operating expenses:		
Flying operations	123,573	231,499
Maintenance	89,809	159,800
General services and administration ..	56,836	115,129
Depreciation and amortization	81,402	166,493
Totals	351,620	672,921
Operating income (Loss)	Dr.196,386	Dr.325,688
Net income (deficit) after income taxes	Dr.202,129	Dr.336,590

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
February, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	20,468	23,859	44,327	4,644	6,209	10,853
Bulk transportation	"	60	60	120	123	212	335
Totals	"	20,528	23,919	44,447	4,767	6,421	11,188
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	88,540	559,934	648,474	120,029	436,211	556,240
Bulk transportation	"	-	-	-	-	36,353	36,353
Totals	"	88,540	559,934	648,474	120,029	472,564	592,593
Mail carried (Unit toll transportation) ..	"	37,451	88,418	125,869	18,798	85,736	104,534
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	374	429	803	25,486	30,497	55,983
Bulk transportation	"	-	-	-	183	272	455
Totals	"	374	429	803	25,669	30,769	56,438
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	6,702	1,706	8,408	215,271	997,851	1,213,122
Bulk transportation	"	-	-	-	-	36,353	36,353
Totals	"	6,702	1,706	8,408	215,271	1,034,204	1,249,475
Mail carried (Unit toll transportation) ..	"	931	444	1,375	57,180	174,598	231,778

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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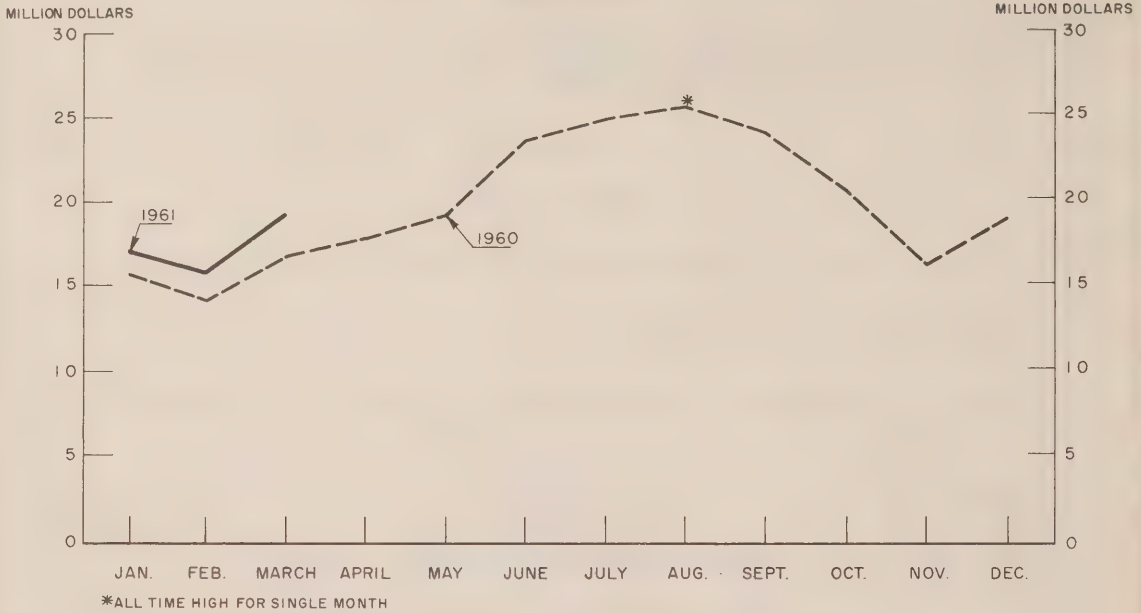
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

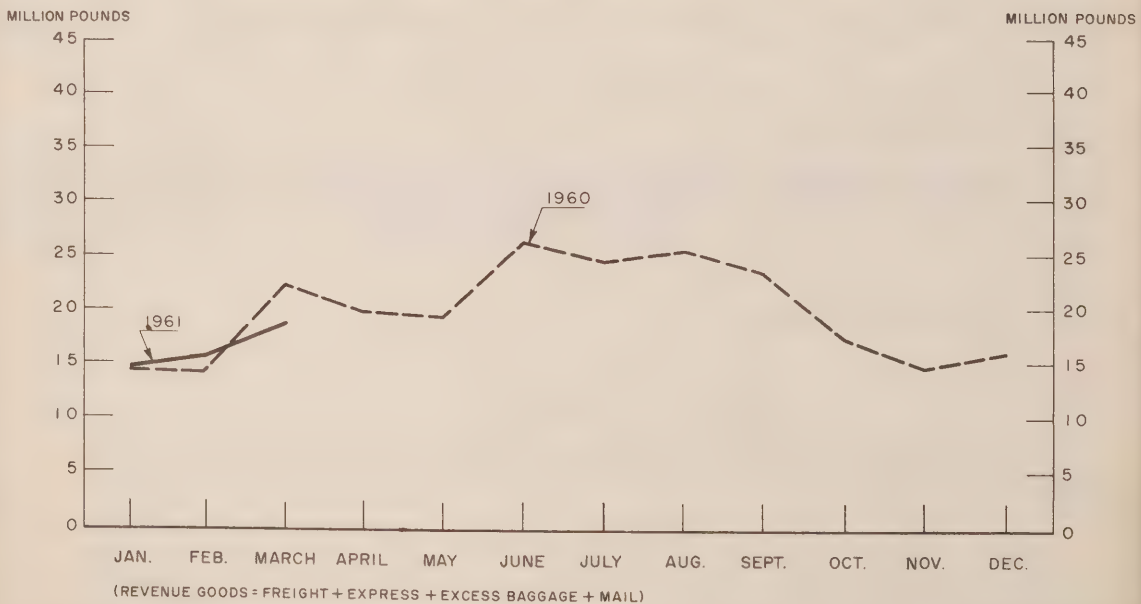
OPERATING REVENUE OF CANADIAN CARRIERS

1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1960-1961



INTRODUCTION

In March 1961, there was a considerable increase in the number of revenue passengers transported by Canadian air carriers as compared with the corresponding month of 1960, whereas the volume of goods carried declined substantially. Passengers carried rose 9.7 per cent to 372,762 from 339,766 while goods flown decreased 16.2 per cent to 18,574,929 lbs. from 22,199,807 lbs. Revenue miles flown declined 8.0 per cent to 7,478,752 from 8,127,171. Operating revenues rose 15.2 per cent to \$19,269,561 from \$16,724,185 while operating expenses increased 9.2 per cent to \$21,046,682 from \$19,267,804. As a result, the operating loss of \$1,777,121 was considerably lower than that of \$2,543,619 reported in March, 1960 and the deficit, after provision for income taxes, decreased to \$2,493,054 from \$2,690,149 in March of the previous year.

In the three month period, January to March, more revenue passengers but less revenue goods were carried than in the same period of 1960. The number of passengers increased 6.7 per cent to 1,028,593 from 964,041 in contrast to a decrease of 4.5 per cent in the volume of goods which dropped to 48,514,542 lbs. from 50,803,231 lbs. Operating revenues increased 11.1 per cent in the period, to \$51,967,567 from \$46,796,401, offsetting an increase of 9.4 per cent in operating expenses which rose to \$60,415,954 from \$55,245,796.

In the month of March, 1961, 94.8 per cent of the total revenue passengers and 56.3 per cent of the total revenue goods were carried on unit toll services. Corresponding figures for the same month of 1960 are 92.1 per cent and 41.9 per cent respectively. It should be noted that a complete breakdown of unit toll services into scheduled and non-scheduled services is not possible since some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

In March, the six scheduled carriers transported 348,936 revenue passengers or 93.6 of the total number carried and 11,151,192 lbs. of revenue goods or 6 per cent of the total transported. In March of the previous year 90.7 of the revenue passengers and 43.8 per cent of the revenue goods were transported by scheduled carriers.

Table 8 shows data for companies operating helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In March, 1961, they flew a total of 1,460 revenue hours compared with 1,571 in March, 1960. Operating revenues totalled \$206,060 and operating expenses amounted to \$398,235 compared with revenues of \$265,223 and expenses of \$372,564 in March of the previous year.

Tables 10 and 11 cover operations of the Group V carriers which report quarterly. The information provided in these two tables is excluded from all other tables of the report. During the first quarter of 1961 these carriers transported 12,801 revenue passengers as against 12,097, and 1,026,510 lbs. of revenue goods as compared with 966,912 lbs. in the corresponding period of 1960.

Foreign carriers licensed to operate in Canada transported 55,843 revenue passengers and 1,994,784 lbs. of revenue goods in March. This represents an increase of 4.4 per cent over the number of passengers carried during the same period of 1960 (53,483) and a 39.3 per cent increase in the volume of revenue goods (1,431,547). It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

March, 1961

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ..	6	21	49	70	76	10	8	94	...
Transportation services:									
Unit toll:									
Revenue departures	17,505	2,457	624	3,081	20,586	..	..	..	..
Revenue hours flown	24,558	2,364	418	2,782	27,340	315	646	28,301	82,062
Revenue miles scheduled ...	5,479,611	...	...	...	5,479,611	83,525	257,214	5,820,350	16,713,485
Revenue miles flown:									
Scheduled services	5,467,759(4)	...	...	...	5,467,759(4)	73,253	249,470	5,790,482(4)	16,552,881(4)
Non-scheduled services ..	368,009(4)	275,019	52,376	327,395	695,404(4)	-	-	695,404(4)	1,982,147(4)
Totals	5,835,768	275,019	52,376	327,395	6,163,163	73,253	249,470	6,485,886	18,535,028
Revenue passengers carried	345,667	5,724	2,150	7,874	353,541	41,211	13,953	408,705	1,124,073
Revenue goods carried:									
Cargo	5,947,108	432,013	130,079	562,092	6,509,200	701,038	1,014,520	8,531,798	22,584,828
Excess baggage	292,588	3,398	11,054	14,452	307,040	140,121	139,105	3,912,052	10,581,967
Mail	3,331,350	275,919	25,557	301,476	3,632,826	841,159	1,153,625	12,443,850	33,166,795
Totals	9,571,046	711,330	166,690	878,020	10,449,066	1,614,415	12,806,840	256,695,457	684,614,457
Revenue passenger-miles ...	240,909,294	1,215,319	149,589	1,364,908	242,274,202	15,136	375,419	3,711,338	9,386,964
Revenue goods ton-miles:									
Cargo	3,041,291	144,591	25,093	169,684	3,210,975	2,350	60,875	1,365,022	3,638,771
Excess baggage	107,764	1,591	453	2,044	109,808	17,486	436,294	5,076,360	13,025,735
Mail	1,265,104	35,489	1,204	36,693	1,301,797	-	-	-	-
Totals	4,414,159	181,671	26,750	208,421	4,622,580	10,579	51	12,308	29,332
Bulk:									
Revenue - Departure	1,382	4,957	4,240	9,197	10,579	..	..	..	..
Hours flown	1,727	6,419	4,111	10,530	12,257	-	13,566	1,329,155	3,278,163
Miles flown	236,765	639,314	439,510	1,078,824	1,315,589	-	679	19,900	51,444
Passengers carried	3,269	9,017	6,935	15,952	19,221	-	-	8,125,863	20,596,802
Freight carried . lb.	1,580,146	4,640,262	1,905,455	6,545,717	8,125,863	-	-	-	-
Non-transportation services:									
Specialty flying:									
Revenue hours flown	57	1,359	3,135	4,494	4,551	-	-	4,551	11,990

See footnotes at end of table.

March, 1961

	Canadian carriers				Total Canadian carriers	Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers				United States carriers	Other Foreign carriers (3)		
		Group III(1)	Group IV	Total					
Total - All services:									
Traffic: (5)									
Revenue:									
Departures	No.	7,414	4,864	12,278	31,165	..	..	..	..
Hours flown	"	10,142	7,664	17,806	44,148	315	697	45,160	123,384
Miles flown	"	6,072,533	914,333	1,406,219	7,478,752	73,253	263,036	7,815,041	21,813,191
Passengers carried	"	348,936	14,741	23,826	372,762	41,211	14,632	428,605	1,175,517
Cargo carried	lb.	7,527,254	2,035,534	7,107,809	14,635,063	701,038 (6)	1,014,520 (6)	16,657,661 (6)	43,181,630 (6)
Goods carried	"	11,151,192	5,351,592	7,423,737	18,574,929	841,159	1,153,625	20,569,713	53,763,597
Non-revenue:									
Hours flown	No.	935	346	1,281	2,579	3	-	2,582	6,734
Passengers carried	"	64	1	65	..	537	576	..	..
Goods carried	lb.	14,133	78	14,133	..	20,643	116,529	..	..
Passenger-miles	No.	28,817	78	28,895	10,078,020	22,419	453,418	10,553,857	29,665,919
Goods ton-miles	"	6,504	-	6,504	430,160	431	31,630	462,221	1,431,804
Fuel consumed:									
Turbo fuel - Quantity	gal.	-	-	-	10,705,795	162,429	3,771,663	14,639,887	35,016,739
Cost	\$	-	-	-	1,397,851	34,375	283,494	1,715,720	4,601,670
Gasoline - Quantity	gal.	543,846	122,196	666,042	2,669,669	79,623	280,592	3,029,884	9,296,445
Cost	\$	688,745	55,378	189,541	878,286	22,169	68,882	969,337	2,984,015
Oil consumed:									
Turbo aircraft - Quantity	gal.	-	-	-	1,572	54	81	1,707	4,812
Cost	\$	-	-	-	16,022	415	837	17,274	47,302
Other aircraft - Quantity	gal.	21,901	1,936	23,837	49,461	869	3,024	53,354	138,818
Cost	\$	26,097	2,735	14,947	41,044	581	2,401	44,026	128,028
Average number of employees:									
Flying personnel	No.	450	195	645	2,800	..	..	..	..
Other personnel	"	750	492	1,242	14,546	..	..	..	..
Totals	"	1,200	687	1,887	17,346	283	711	18,340	18,125
Salaries and wages paid:									
Flying personnel	\$	1,513,622	95,932	353,152	1,866,774	..	..	..	..
Other personnel	\$	6,005,445	171,768	518,296	6,523,741	..	..	..	..
Totals	\$	7,519,067	267,700	871,448	8,390,515	127,672	309,410	8,827,597	25,585,444

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

March, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(I)	Total	Group III(I)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	13,378,546	534,680	13,913,226	153,517	27,030	180,547	14,093,773	38,402,851
Express	223,556	42,030	265,586	8,480	4,372	12,852	278,438	780,211
Freight	714,038	185,197	899,235	80,451	4,083	84,534	983,769	2,475,095
Excess baggage	92,070	14,458	106,528	2,131	710	2,841	109,369	289,823
Mail	1,050,567	120,586	1,171,153	117,431	6,112	123,543	1,294,696	3,618,875
Total unit toll transportation	15,458,777	896,951	16,355,728	362,010	42,307	404,317	16,760,045	45,566,855
Bulk transportation	111,740	293,547	405,287	947,163	319,686	1,266,849	1,672,136	3,961,311
Total transportation	15,570,517	1,190,498	16,761,015	1,309,173	361,993	1,671,166	18,432,181	49,528,166
Specialty flying services	927	4,215	5,142	211,621	75,836	286,457	291,599	868,833
Total flying services	15,571,444	1,194,713	16,766,157	1,520,794	436,829	1,957,623	18,723,780	50,396,999
Non-flying services	348,077	41,294	389,371	43,766	112,844	156,610	545,781	1,584,691
Total operating revenues	15,919,521	1,236,007	17,155,528	1,564,560	549,473	2,114,033	19,269,561	51,981,690
Operating expenses:								
Flying operations	4,352,267	552,389	4,904,656	702,174	263,945	966,119	5,870,775	16,059,784
Maintenance	3,853,195	268,172	4,121,367	433,422	160,162	593,584	4,714,951	13,893,416
General services and administration:								
Passenger service	1,268,303	19,861	1,288,164	..	..	..	..	..
Aircraft and traffic servicing	2,714,923	191,842	2,906,765	..	..	..	..	..
Promotion and sales	2,534,697	72,880	2,607,577	..	..	..	..	..
General administration	736,622	96,927	833,549	..	..	..	..	..
Totals	7,254,545	381,510	7,636,055	307,286	115,902	423,188	8,059,243	23,499,489
Depreciation and amortization	1,943,172	165,269	2,108,441	197,323	95,949	293,272	2,401,713	6,986,570
Total operating expenses	17,403,179	1,367,340	18,770,519	1,640,203	635,958	2,276,163	21,046,682	60,439,259
Operating income (loss)	Dr. 1,483,658	Dr. 131,333	Dr. 1,614,991	Dr. 75,645	Dr. 86,485	Dr. 162,130	Dr. 1,777,121	Dr. 8,457,569
Non-operating income - net:								
Capital gains and losses	-	Dr. 1,521	Dr. 1,521	10,710	498	11,208	9,687	15,623
Interest and discounts	226,822	810	227,632	3,271	332	3,603	231,035	771,347
Miscellaneous non-operating income	Dr. 80	2,779	2,699	1,383	210	1,593	4,292	15,460
Income before interest expense	Dr. 1,257,116	Dr. 129,265	Dr. 1,386,381	Dr. 60,281	Dr. 85,445	Dr. 145,726	Dr. 1,532,107	Dr. 7,655,139
Interest expense	861,593	33,415	895,008	34,228	7,346	41,574	936,582	2,810,469
Income before income taxes	Dr. 2,118,709	Dr. 162,680	Dr. 2,281,389	Dr. 94,509	Dr. 92,791	Dr. 187,300	Dr. 2,468,689	Dr. 10,465,608
Provision for income taxes	-	-	-	24,425	Cr. 60	24,365	24,365	50,284
Net income after income taxes	Dr. 2,118,709	Dr. 162,680	Dr. 2,281,389	Dr. 118,934	Dr. 92,731	Dr. 211,665	Dr. 2,493,054	Dr. 10,515,892

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers & All Services, by Company

March, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	2,399,401	75,537	174,773	183,012	101,358	10,979,145	13,913,226	37,916,074
Express	11,436	-	11,442	29,298	1,290	212,120	265,586	736,229
Freight	224,039	104,726	59,666	-	20,805	489,999	899,235	2,250,738
Excess baggage	19,903	782	5,904	5,945	1,827	72,167	106,528	281,026
Mail	150,388	18,971	43,101	41,544	16,970	900,179	1,171,153	3,273,417
Total unit toll transportation	2,805,167	200,016	294,886	259,799	142,450	12,653,610	16,355,728	44,457,484
Bulk transportation	84,788	8,251	210,080	2,286	72,930	26,952	405,287	868,894
Total transportation	2,889,955	208,267	504,966	262,085	215,180	12,680,562	16,761,015	45,326,378
Specialty flying services	-	4,215	-	-	927	927	5,142	7,946
Total flying services	2,889,955	208,267	509,181	262,085	215,180	12,681,489	16,766,157	45,334,324
Non-flying services	18,150	10,892	26,095	1,982	3,325	329,927	389,371	1,143,008
Total operating revenues	2,908,105	219,159	535,276	264,067	217,505	13,011,416	17,155,528	46,477,332
Operating expenses:								
Flying operations	1,082,526	82,485	227,884	97,480	144,540	3,269,741	4,904,656	13,560,366
Maintenance	808,371	50,115	122,393	74,727	20,937	3,044,824	4,121,367	12,165,244
General services and administrations:								
Passenger service	279,081	5,296	8,683	4,502	1,380	989,222	1,288,164	4,164,681
Aircraft and traffic servicing	451,668	40,148	117,892	23,989	9,813	2,263,255	2,906,765	8,429,181
Promotion and sales	566,737	5,974	12,282	36,298	18,326	1,967,960	2,607,577	7,242,886
General administration	181,602	18,334	36,175	24,397	18,021	555,020	833,549	2,479,560
Totals	1,479,088	69,752	175,032	89,186	47,540	5,775,457	7,636,055	22,316,308
Depreciation and amortization	263,311	30,649	57,939	61,720	14,961	1,679,861	2,108,441	6,119,143
Total operating expenses	3,633,296	233,001	583,248	323,113	227,978	13,769,883	18,770,519	54,161,061
Operating income (loss)	Dr. 725,191	Dr. 13,842	Dr. 47,972	Dr. 59,046	Dr. 10,473	Dr. 758,467	Dr. 1,614,991	Dr. 7,683,729
Non-operating income - net:								
Capital gains and losses	-	Dr. 1,521	-	-	-	-	Dr. 1,521	Dr. 1,335
Interest and discounts	5,747	731	-	-	79	220,875	227,432	763,145
Miscellaneous non-operating income	511	3	2,693	Dr. 60	143	431	2,699	26,282
Income before interest expense	Dr. 719,955	Dr. 14,629	Dr. 45,279	Dr. 59,106	Dr. 10,251	Dr. 537,161	Dr. 1,386,381	Dr. 6,895,637
Interest expense	-	3,034	9,704	10,905	9,772	861,593	895,008	2,691,011
Income before income taxes	Dr. 719,955	Dr. 17,663	Dr. 54,983	Dr. 70,011	Dr. 20,023	Dr. 1,398,754	Dr. 2,281,389	Dr. 9,586,648
Provision for income taxes	-	-	-	-	-	-	-	425
Net income after income taxes	Dr. 719,955	Dr. 17,663	Dr. 54,983	Dr. 70,011	Dr. 20,023	Dr. 1,398,754	Dr. 2,281,389	Dr. 9,587,073

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

March, 1961

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services									
Unit toll:									
Revenue departures	No.	1,754	12,356	699	1,159	853	684	3,395	17,505
Revenue hours flown	"	3,974	17,093	754	1,321	592	824	3,491	24,558
Revenue miles scheduled	"	1,057,375	4,190,672	29,642	82,430	90,762	28,730	231,564	5,479,611
Revenue miles flown:									
Scheduled services - Regular	"	1,018,911	4,030,010	23,242	79,587	85,812	28,004	216,645	5,265,566
Extra section	"	10,904	184,387	1,484	3,828	306	1,284	6,902	202,193
Non-scheduled services	"	52,184	-	105,833	103,104	25,445	81,443	315,825	368,009
Totals	"	1,081,999	4,214,397	130,559	186,519	111,563	110,731	539,372	5,835,768
Ratio of regular miles flown to miles scheduled		96.4	96.2	78.4	96.6	94.5	97.5	...	...
Revenue passengers carried	No.	27,650	293,966	4,500	8,874	7,774	2,903	24,051	345,667
Revenue goods carried:	lb.								
Express	"	50,660	570,248	-	24,090	250,748	8,088	282,926	903,834
Freight	"	324,326	3,150,328	1,118,602	329,943	-	120,075	1,568,620	5,043,274
Excess baggage	"	19,703	192,570	7,379	23,749	42,423	6,764	80,315	292,588
Mail	"	168,427	2,530,097	100,710	133,388	348,998	49,730	632,826	3,331,350
Totals	"	563,116	6,443,243	1,226,691	511,170	642,169	184,657	2,564,887	9,571,046
Revenue passenger-miles:									
Scheduled services	No.	43,718,562	189,786,897	304,657	1,033,193	1,591,591	415,195	3,344,636	236,850,095
Non-scheduled services	"	1,164,220	-	494,518	1,203,598	506,319	690,544	2,894,979	4,059,199
Totals	"	44,882,782	189,786,897	799,175	2,236,791	2,097,910	1,105,739	6,239,615	240,909,294
Available seat-miles on scheduled services	"	79,987,756	286,622,473	598,286	2,085,375	3,154,752	..	..	..
Passenger load factor on scheduled services		54.7	66.2	50.9	49.5	50.5	..	...	...
Revenue goods ton-miles:									
Express - Scheduled services	No.	13,327	238,338	-	110	22,831	568	23,509	275,174
Non-scheduled services	"	490	-	-	8,565	8,416	1,363	18,834	18,834
Totals	"	13,817	238,338	-	8,675	31,247	1,931	41,853	294,008
Freight - Scheduled services	"	543,096	1,792,912	6,044	3,915	-	680	10,639	2,346,647
Non-scheduled services	"	2,268	-	270,279	107,148	-	20,941	398,368	400,636
Totals	"	545,364	1,792,912	276,323	111,063	-	21,621	409,107	2,747,283

See footnotes at end of table.

March, 1961

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	24,449	69,309	93,758	226	1,287	4,524	437	6,474	100,232
Non-scheduled services	62	-	62	608	3,140	2,267	1,455	7,470	7,532
Totals	24,511	69,309	93,820	834	4,427	6,791	1,892	13,944	107,764
Mail - Scheduled services	120,161	1,054,255	1,174,416	3,254	1,047	27,050	1,781	33,132	1,207,548
Non-scheduled services	4,290	-	4,290	8,325	38,348	827	5,766	53,266	57,556
Totals	124,451	1,054,255	1,178,706	11,579	39,395	27,877	7,547	86,398	1,265,104
Total - Scheduled services	701,033	3,154,814	3,855,847	9,524	6,359	54,405	3,466	73,754	3,929,601
Non-scheduled services	7,110	-	7,110	279,212	157,201	11,510	29,525	477,448	484,558
Totals	708,143	3,154,814	3,862,957	288,736	163,560	65,915	32,991	551,202	4,414,159
Available ton-miles on scheduled services	10,067,720	38,611,687	48,679,407	73,687	214,328	407,076	74,614	769,705	49,449,112
Weight load factor on scheduled services (2)	50.4	57.3	...	54.3	51.2	52.5	60.3	...	...
<u>Bulk:</u>									
Revenue - Departures No.	7	26	33	57	1,021	6	265	1,349	1,382
Hours flown	142	50	192	44	1,271	7	213	1,535	1,727
Miles flown	33,103	12,104	45,207	5,977	157,071	954	27,556	191,558	236,765
Passengers carried	514	702	1,216	136	1,620	-	297	2,053	3,269
Freight carried lb.	-	-	-	260,346	1,131,853	8,949	179,018	1,580,146	1,580,146
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown No.	-	4	4	-	53	-	-	53	57
<u>Total - All services</u>									
Traffic: (3)									
Revenue:									
Departures No.	1,761	12,382	14,143	756	2,180	859	949	4,744	18,887
Hours flown	4,116	17,147	21,263	798	2,645	599	1,037	5,079	26,342
Miles flown	1,115,102	4,226,501	5,341,603	136,536	343,590	112,517	138,287	730,930	6,072,533
Passengers carried	28,164	294,668	322,832	4,636	10,494	7,774	3,200	26,104	348,936
Cargo carried lb.	374,986	3,720,576	4,095,562	1,378,948	1,485,866	259,697	307,181	3,431,692	7,527,254
Goods carried	563,116	6,443,243	7,006,359	1,487,037	1,643,003	651,118	363,675	4,144,833	11,151,192

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

March, 1961

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	251	858	1,109	23	91	35	40	189	1,298
Passengers carried	954	..	..	141	160	116	51	468	..
Goods carried	96,196	..	..	13,250	39,858	..	8,148	61,256	..
Passenger-miles	1,780,276	8,088,803	9,869,079	34,938	81,759	35,480	27,869	180,046	10,049,125
Goods ton-miles	147,152	257,408	404,560	3,112	14,059	-	1,925	19,096	423,656
Fuel consumed:									
Turbo fuel - Quantity	1,737,120	8,788,893	10,526,013	38,799	-	140,983	-	179,782	10,705,795
Cost	283,101	1,072,056	1,355,157	9,404	-	33,290	-	42,694	1,397,851
Gasoline - Quantity	582,817	994,818	1,577,635	89,505	223,208	10,853	102,426	425,992	2,003,627
Cost	180,507	327,607	508,114	29,167	101,279	4,307	45,878	180,631	688,745
Oil consumed:									
Turbo aircraft - Quantity	393	1,119	1,512	-	-	60	-	60	1,572
Cost	4,825	10,135	14,960	-	-	1,062	-	1,062	16,022
Other aircraft - Quantity	7,934	12,832	20,786	1,208	2,696	136	798	4,838	25,624
Cost	7,406	13,184	20,590	1,182	3,370	157	798	5,507	26,097
Average number of employees:									
Flying personnel	421	1,549	1,970	32	83	32	38	185	2,155
Other personnel	2,316	10,047	12,363	158	414	229	140	941	13,304
Totals	2,737	11,596	14,333	190	497	261	178	1,126	15,459
Salaries and wages paid:									
Flying personnel	311,889	1,060,997	1,372,886	24,366	72,962	20,617	22,791	140,736	1,513,622
Other personnel	925,240	4,698,756	5,623,996	59,598	185,940	82,353	53,558	381,449	6,005,445
Totals	1,237,129	5,759,753	6,996,882	83,964	258,902	102,970	76,349	522,185	7,519,067

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

March, 1961

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	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	23,000	4,073	8,516	7,774	2,541	252,235	298,139
Foreign interline	2,354	427	-	-	-	41,731	46,611
Totals (2)	2,099					293,966	344,750
Revenue express carried:							
Originated	1b.						
Domestic interline	50,660	-	24,090	250,748	8,088	570,248	903,834
Foreign interline	-	-	-	-	-	-	-
Totals (2)	50,660	-	24,090	250,748	8,088	570,248	903,834
Revenue freight carried:							
Originated							
Domestic interline	218,809	864,945	306,501	-	47,358	3,150,328	4,587,941
Foreign interline	9,108	-	-	-	-	-	9,108
Totals (2)	68,454	-	-	-	-	-	68,454
	296,371	864,945	306,501	-	47,358	3,150,328	4,665,503
Revenue excess baggage carried:							
Originated							
Domestic interline	16,096	7,379	23,376	42,423	6,619	174,872	270,765
Foreign interline	1,212	-	-	-	-	202	1,414
Totals (2)	2,352	-	-	-	-	17,496	19,848
	19,660	7,379	23,376	42,423	6,619	192,570	292,027
Revenue mail carried:							
Originated							
Domestic interline	168,427	100,710	125,459	348,998	17,708	2,530,097	3,291,399
Foreign interline	-	-	-	-	-	-	-
Totals (2)	168,427	100,710	125,459	348,998	17,708	2,530,097	3,291,399

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board. (2) Excludes division interline.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

March, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	2,157	365	437	112	3,071	11,039	14,110
Revenue hours flown	3,368	1,481	1,535	834	7,218	13,849	21,067
Revenue miles scheduled	742,952	515,980	469,424	285,407	2,013,763	3,234,284	5,248,047
Revenue miles flown:							
Scheduled services - Regular	698,469	502,688	461,848	264,863	1,927,868	3,121,053	5,048,921
Extra sections	29,705	13,124	20,642	-	63,471	131,820	195,291
Non-scheduled services	-	-	-	-	-	52,184	52,184
Totals	728,174	515,812	482,490	264,863	1,991,339	3,305,057	5,296,396
Ratio of regular miles flown to miles scheduled	94.0	97.4	98.4	92.8	95.7	96.5	96.2
Revenue passenger-miles	23,713,024	37,315,462	31,853,959	9,535,158	102,417,603	132,252,076	234,669,679
Available seat-miles on scheduled services	34,504,192	55,005,386	46,805,201	20,165,952	156,480,731	210,129,498	366,610,229
Passenger load factor on scheduled services	68.7	67.8	68.1	47.3	65.5	62.4	63.7
Revenue goods ton-miles:							
Express	37,214	-	-	-	37,214	214,941	252,155
Freight	142,688	419,426	173,448	283,301	1,018,863	1,319,413	2,338,276
Excess baggage	7,647	19,800	25,972	5,590	59,009	34,811	93,820
Mail	39,382	159,354	29,021	58,030	285,787	892,919	1,178,706
Totals	226,931	598,580	228,441	346,921	1,400,873	2,462,084	3,862,957
Available ton-miles on scheduled services	3,876,955	7,210,317	6,515,117	2,616,840	20,219,229	28,460,178	48,679,407
Weight load factor on scheduled services (1)	67.0	60.1	52.4	49.7	57.6	54.7	55.9

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

March, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,511	42,702	6,574	106,655
Recreational flying	614	10,026	1,538	23,951
Aerial photography and survey	321	128,664	930	373,487
Aerial photography (excl. survey)	22	547	54	1,212
Aerial pest control	7	235	10	295
Aerial advertising	2	135	9	615
Aerial patrol and inspection	607	59,908	1,675	172,010
Philanthropic	2	33	23	82
Aerial fish cultivation	-	-	-	-
Geophysical survey	399	40,506	998	120,861
Non-transportation charter	2	311	58	39,499
Other specialty flying	64	7,174	121	21,357
Total specialty flying	4,551	290,178	11,990	859,860

TABLE 8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV

March, 1961

	Month	Year to date
Revenue hours flown	1,460	3,046
Average number of aircraft	102	98
Average number of employees:		
Flying personnel	228	216
Other personnel	158	129
Totals	386	345
Salaries and wages paid:		
Flying personnel	116,604	294,255
Other personnel	88,346	243,736
Totals	204,950	537,991
Operating revenues:		
Bulk transportation	208,216	491,059
Other flying services	9,517	22,700
Non-flying services	Dr. 11,673	39,534
Totals	206,060	553,293
Operating expenses:		
Flying operations	158,932	390,431
Maintenance	85,992	245,792
General services and administration ..	70,314	185,443
Depreciation and amortization	82,997	249,490
Totals	398,235	1,071,156
Operating income (Loss)	Dr. 192,175	Dr. 517,863
Net income (deficit) after income taxes	Dr. 195,026	Dr. 531,616

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
March, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	20,646	20,569	41,215	5,576	7,744	13,320
Bulk transportation	"	-	-	-	468	211	679
Totals	"	20,646	20,569	41,215	6,044	7,955	13,999
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	95,828	605,210	701,038	226,795	780,228	1,007,023
Bulk transportation	"	-	-	-	-	-	-
Totals	"	95,828	605,210	701,038	226,795	780,228	1,007,023
Mail carried (Unit toll transportation) ..	"	45,387	94,734	140,121	39,858	97,972	137,830
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	272	357	629	26,494	28,670	55,164
Bulk transportation	"	-	-	-	468	211	679
Totals	"	272	357	629	26,962	28,881	55,843
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	3,300	4,197	7,497	325,923	1,389,635	1,715,558
Bulk transportation	"	-	-	-	-	-	-
Totals	"	3,300	4,197	7,497	325,923	1,389,635	1,715,558
Mail carried (Unit toll transportation) ..	"	945	330	1,275	86,190	193,036	279,226

TABLE 10. Operating Statistics, Canadian Group V Carriers

March, 1961

	Quarter	Year to date
Number of reporting carriers	141	
Bulk transportation:		
Revenue hours flown	No.	
Revenue passengers carried	"	7,569
Revenue goods carried	"	12,801
Revenue goods carried	1b.	1,026,510
Specialty flying services:		
Revenue hours flown:		
Flying training	No.	8,940
Recreational flying	"	1,748
Aerial photography and survey	"	75
Aerial photography (excl. survey)	"	1
Aerial pest control	"	23
Aerial advertising	"	2
Aerial patrol and inspection	"	442
Philanthropic	"	-
Aerial fish cultivation	"	-
Geophysical survey	"	47
Non-transportation charter	"	-
Other specialty flying	"	1,064
Total specialty flying services	"	12,342
Total - All services:		
Revenue hours flown	"	19,911
Non-revenue hours flown	"	1,288

TABLE 11. Revenues and Expenses, Canadian Group V Carriers

March, 1961

	Quarter	Year to date
		dollars
Operating revenues:		
Bulk transportation	363,722	
Specialty flying services	301,481	
Total flying services	665,203	
Non-flying services	435,717	
Total operating revenues	1,100,920	
Operating expenses:		
Flying operations	475,698	
Maintenance	191,798	
General services and administration	452,085	
Depreciation	132,185	
Total operating expenses	1,251,766	
Operating income (loss)	Dr. 150,846	
Non-operating income - net	10,257	
Income before income taxes	Dr. 140,589	
Provision for income taxes	6,444	
Net income after income taxes	Dr. 147,033	

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Limited.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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CIVIL AVIATION. [

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CIVIL AVIATION

ERRATA

Page 16. Please Substitute the Following for Table 9 in the February 1961 issue.

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	15,425	13,916	29,341	4,056	4,645	8,701
Bulk transportation	"	60	60	120	123	212	335
Totals	"	15,485	13,976	29,461	4,179	4,857	9,036
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	89,601	421,368	510,969	271,998	648,263	920,261
Bulk transportation	"	-	-	-	36,353	-	36,353
Totals	"	89,601	421,368	510,969	308,351	648,263	956,614
Mail carried (Unit toll transportation) ..	"	39,524	64,553	104,077	38,019	80,790	118,809
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	346	300	646	19,827	18,861	38,688
Bulk transportation	"	-	-	-	183	272	455
Totals	"	346	300	646	20,010	19,133	39,143
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	2,838	2,345	5,183	364,437	1,071,976	1,436,413
Bulk transportation	"	-	-	-	36,353	-	36,353
Totals	"	2,838	2,345	5,183	400,790	1,071,976	1,472,766
Mail carried (Unit toll transportation) ..	"	947	275	1,222	78,490	145,618	224,108

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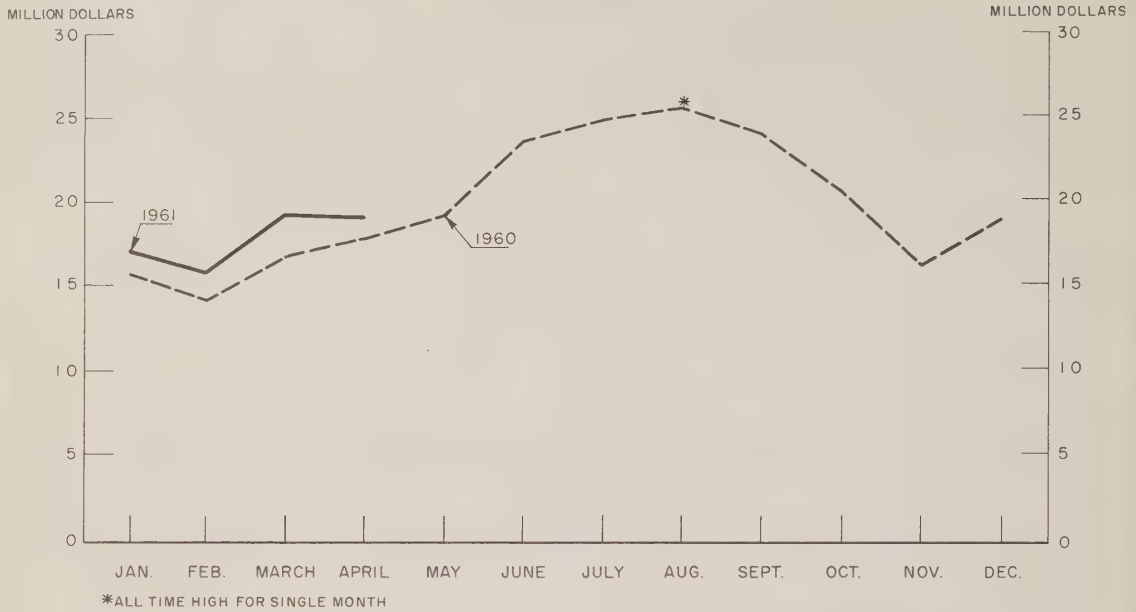
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SYMBOLS

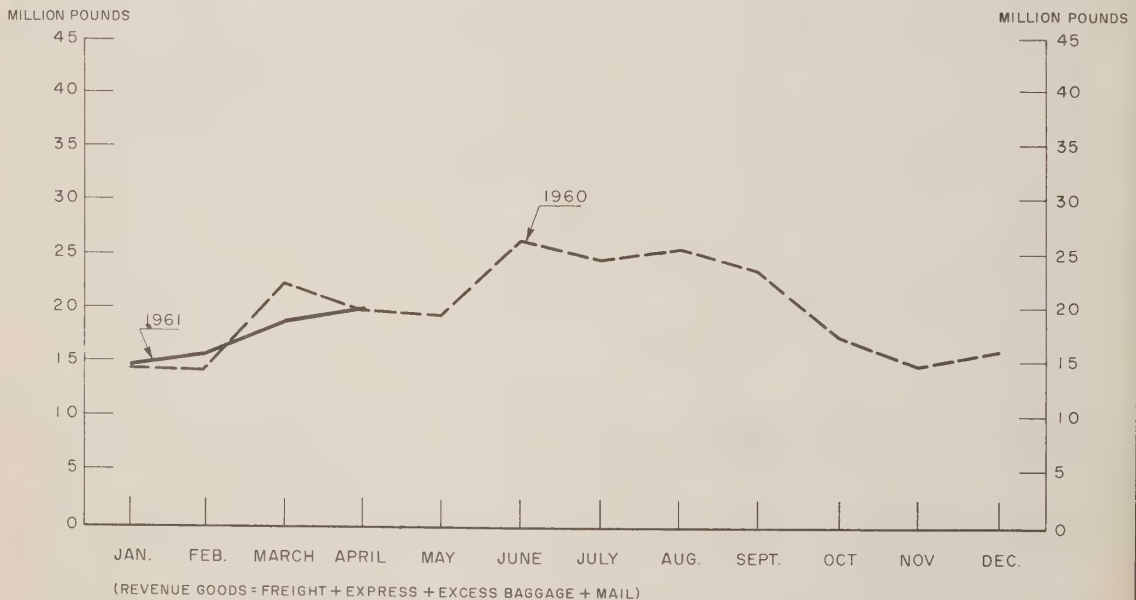
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1960-1961



INTRODUCTION

For the month of April more revenue passengers were transported by Canadian air carriers than during the corresponding month of 1960, rising 1.4 per cent to 375,939 from 370,568. The volume of revenue goods transported remained practically the same at 19,961,064 lbs. compared with 19,943,923 lbs. in 1960, while the revenue miles flown declined 8 per cent to 7,600,811 from 8,265,208. The operating revenues increased to \$19,129,287 from \$17,744,611 while the operating expenses rose to \$21,032,344 from \$18,897,075. The operating deficit for the month therefore was greater than the deficit reported in 1960, amounting to \$1,903,057 compared with \$1,152,464 in the previous year. The deficit after provision for income taxes rose to \$2,806,501 from \$1,047,753.

Unit toll services transported 358,588 revenue passengers or 95.4 per cent of all passengers carried and 9,031,567 lbs. of revenue goods or 45.2 per cent of the total. In April, 1960, 347,236 revenue passengers or 93.7 per cent of the total and 9,578,774 lbs. of revenue goods or 48 per cent of the total were carried on these same services. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

In April the six scheduled carriers transported 352,040 revenue passengers or 93.6 per cent of the total passengers carried and 11,447,317 lbs. of revenue goods or 57.3 per cent of all goods carried. They earned 88.9 per cent of the operating revenues earned by all Canadian carriers and their operating expenses accounted for 88.8 per cent of the total operating expenses. During the same month of the previous year, the scheduled carriers transported 92.4 per cent of the revenue passengers and 54.4 per cent of the revenue goods. They were also responsible for 88.9 per cent of the operating revenues earned by Canadian carriers and 88.8 per cent of the operating expenses.

For the period January to April, 1961, Canadian air carriers transported 5.2 per cent more passengers but 3.2 less revenue goods than in the corresponding period of 1960. The number of passengers rose to 1,404,532 from 1,334,609 while revenue goods declined to 68,475,606 lbs. from 70,747,154 lbs.

Data for companies operating helicopters only are shown in table 8. These companies flew 1,358 revenue hours compared with 2,229 hours for the same period last year, a decrease of 39 per cent. Their operating revenues declined 12.4 per cent to \$213,224 from \$243,311 and their operating expenses fell 3.3 per cent to \$382,090 from \$395,274. The operating deficit therefore rose to \$163,390 from \$138,300.

Foreign carriers licensed to operate in Canada transported 57,373 revenue passengers, approximately the same number as in April, 1960 (57,530). Revenue goods carried were slightly lower than last year dropping to 1,444,900 lbs. from 1,462,028 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

April, 1961

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ..	6	20	50	70	76	10	8	94	...
Transportation services:									
Unit toll:									
Revenue departures	17,308	2,437	829	3,266	20,574	..	..	..	..
Revenue hours flown	24,416	2,477	475	2,952	27,368	516	676	28,560	110,622
Revenue miles scheduled ...	5,376,547	...	...	...	5,376,547	130,832	267,880	5,775,259	22,488,744
Revenue miles flown:									
Scheduled services	5,283,515(4)	...	...	...	5,283,515(4)	129,525	270,970	5,684,010(4)	22,236,891(4)
Non-scheduled services ..	612,338(4)	290,637	61,929	352,566	964,904(4)	-	-	964,904(4)	2,947,051(4)
Totals	5,895,853	290,637	61,929	352,566	6,248,419	129,525	270,970	6,648,914	25,183,942
Revenue passengers carried "	348,536	6,586	3,466	10,052	358,588	43,837	12,146	414,571	1,538,644
Revenue goods carried:									
Cargo	5,437,357	288,313	62,272	350,585	5,787,942	645,498	567,624	7,323,239	29,908,067
Excess baggage	302,538	4,026	15,611	19,637	322,175	125,869	105,909	3,153,228	13,735,195
Mail	2,656,424	241,950	23,076	265,026	2,921,450	771,367	673,533	10,476,467	43,643,262
Totals	8,396,319	534,289	100,959	635,248	9,031,567	1,934,016	10,913,838	254,729,522	939,343,980
Revenue passenger-miles ... No.	240,368,069	1,227,895	285,704	1,513,599	241,881,668	14,937	209,181	3,020,046	12,407,010
Revenue goods ton-miles:									
Cargo	2,590,021	101,133	3,296	104,429	2,694,450	2,394	47,206	1,156,552	4,795,323
Excess baggage	98,868	1,907	703	2,610	101,478	17,331	256,387	4,176,598	17,202,333
Mail	1,075,310	30,262	1,380	31,642	1,106,952	-	-	-	-
Totals	3,764,199	133,302	5,379	138,681	3,902,880	-	-	-	-
Bulk:									
Revenue - Departure	1,551	4,805	3,327	8,132	9,683	..	..	..	..
Hours flown	2,055	6,183	3,314	9,497	11,532	1	46	11,599	40,959
Miles flown	319,510	658,669	374,213	1,032,882	1,352,392	144	13,541	1,366,077	4,647,030
Passengers carried	3,504	7,710	6,137	13,847	17,351	298	1,092	18,741	70,294
Freight carried . lb.	3,050,998	6,249,360	1,629,139	7,878,499	10,929,497	-	-	10,929,497	31,532,049
Non-transportation services:									
Specialty flying:									
Revenue hours flown	91	1,364	3,236	4,600	4,691	-	-	4,691	16,681

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

April, 1961

	Canadian carriers						Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II (1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers (3)			
		Group III (1)	Group IV	Total						
Total - All services:										
Traffic: (5)										
Revenue:										
Departures	No.	18,859	7,242	4,156	11,398	30,257	..	..	44,850	168,262
Hours flown	"	26,562	10,024	7,025	17,049	43,611	517	722	8,014,991	29,830,972
Miles flown	"	6,215,363	949,306	436,142	1,385,448	7,600,811	129,669	284,511	433,312	1,608,938
Passengers carried	"	352,040	14,296	9,603	23,899	375,939	44,135	13,238	567,624 (6)	61,440,116 (6)
Cargo carried	lb.	8,488,355	6,537,673	1,691,411	8,229,084	16,717,439	645,498 (6)	567,624 (6)	21,405,964	75,175,311
Goods carried	"	11,447,317	6,783,649	1,730,098	8,513,747	19,961,064	771,367	673,533		
Non-revenue:										
Hours flown	No.	849	725	409	1,134	1,983	4	-	1,987	8,721
Passengers carried	"	..	119	63	182	..	544	738	..	..
Goods carried	lb.	..	10,918	3,550	14,468	..	17,334	76,958	..	..
Passenger-miles	No.	12,458,806	41,878	1,450	43,328	12,502,134	23,365	582,986	13,108,485	42,774,404
Goods ton-miles	"	461,300	5,456	-	5,456	466,756	458	25,620	492,834	1,924,638
Fuel consumed:										
Turbo fuel - Quantity	gal.	11,529,109	-	-	-	11,529,109	178,796	1,947,959	13,655,864	48,589,269
Cost	\$	1,394,106	-	-	-	1,394,106	32,591	318,303	1,745,000	6,346,670
Gasoline - Quantity	gal.	1,715,336	618,179	115,431	733,610	2,448,946	151,611	138,171	2,738,728	12,035,973
Cost	\$	635,790	237,109	50,498	287,607	923,397	45,945	34,131	1,003,473	3,987,688
Oil consumed:										
Turbo aircraft - Quantity	gal.	2,695	-	-	-	2,695	33	74	2,802	7,614
Cost	\$	7,551	-	-	-	7,551	245	710	8,506	55,808
Other aircraft - Quantity	gal.	22,780	6,451	2,217	8,668	31,448	568	1,523	33,539	172,368
Cost	\$	27,094	8,024	2,916	10,940	38,034	462	1,219	39,715	167,754
Average number of employees:										
Flying personnel	No.	2,173	467	208	675	2,848	..	..	..	..
Other personnel	"	13,518	764	504	1,268	14,786	..	..	..	..
Totals	"	15,691	1,231	712	1,943	17,634	291	735	18,660	18,259
Salaries and wages paid:										
Flying personnel	\$	1,503,262	288,430	103,178	391,608	1,894,870	..	..	..	..
Other personnel	\$	5,768,892	346,887	178,526	525,413	6,294,305	..	..	..	..
Totals	\$	7,272,154	635,317	281,704	917,021	8,189,175	127,209	304,267	8,620,651	34,207,749

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Except for hours flown these data relate to transportation services only.

(6) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

April, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	13,726,768	554,939	14,281,707	170,763	16,824	187,587	14,469,294	52,872,145
Express	204,743	31,282	236,025	5,166	2,132	7,298	243,323	1,023,534
Freight	575,529	173,076	748,605	56,317	1,952	58,269	806,874	3,281,969
Excess baggage	76,437	14,063	90,500	2,827	1,076	3,903	94,403	384,226
Mail	945,361	81,508	1,026,869	108,695	5,653	114,348	1,141,217	4,760,092
Total unit toll transportation	15,528,838	854,868	16,383,706	343,768	27,637	371,405	16,755,111	62,321,966
Bulk transportation:								
Total transportation	154,840	391,658	546,498	1,049,895	295,066	1,344,871	1,891,369	5,853,448
Specialty flying services	15,683,678	1,246,526	16,930,204	1,393,573	322,703	1,716,276	18,646,480	68,175,414
Total flying services	2,997	6,024	9,021	196,285	62,968	259,253	268,274	1,137,107
Non-flying services	15,686,675	1,252,550	16,939,225	1,589,858	385,671	1,975,529	18,914,754	69,312,521
Total operating revenues	15,480	44,893	60,373	6,944	147,216	154,160	214,533	1,799,358
	15,702,155	1,297,443	16,999,598	1,596,802	532,887	2,129,689	19,129,287	71,111,879
Operating expenses:								
Flying operations	4,173,893	575,999	4,749,892	751,622	271,515	1,023,137	5,773,029	21,835,380
Maintenance	3,789,256	254,078	4,043,334	460,398	172,960	633,358	4,676,692	18,572,246
General services and administration:								
Passenger service	1,418,140	23,675	1,441,815	..	..	..	..	..
Aircraft and traffic servicing	2,664,956	202,347	2,867,303	..	..	..	..	..
Promotion and sales	2,556,614	70,961	2,627,575	..	..	..	..	..
General administration	694,740	103,320	798,060	..	..	..	..	..
Totals	7,332,450	400,303	7,732,753	288,514	114,541	403,055	8,135,808	31,637,462
Depreciation and amortization	2,009,292	138,033	2,147,325	211,121	88,369	299,490	2,446,815	9,434,135
Total operating expenses	17,304,891	1,368,413	18,673,304	1,711,655	647,385	2,359,040	21,032,344	81,479,223
Operating income (loss)	Dr. 1,602,736	Dr. 70,970	Dr. 1,673,706	Dr. 114,853	Dr. 114,498	Dr. 229,351	Dr. 1,903,057	Dr. 10,367,344
Non-operating income - net:								
Capital gains and losses	-	Dr. 18,568	Dr. 18,568	16,040	Dr. 210	15,830	Dr. 2,738	12,885
Interest and discounts	173,757	759	174,516	1,000	330	1,330	175,846	947,193
Miscellaneous non-operating income	11,263	2,092	Dr. 9,171	Dr. 23,243	5,205	Dr. 18,038	Dr. 27,209	Dr. 11,749
Income before interest expense	Dr. 1,440,242	Dr. 86,687	Dr. 1,526,929	Dr. 121,056	Dr. 109,173	Dr. 230,229	Dr. 1,737,158	Dr. 9,419,015
Interest expense	866,521	89,213	955,734	37,360	11,644	49,004	1,004,738	3,815,207
Income before income taxes	Dr. 2,306,763	Dr. 175,900	Dr. 2,482,663	Dr. 158,416	Dr. 120,817	Dr. 279,233	Dr. 2,761,896	Dr. 13,234,222
Provision for income taxes	-	-	-	44,556	49	44,605	44,605	94,889
Net income after income taxes	Dr. 2,306,763	Dr. 175,900	Dr. 2,482,663	Dr. 202,972	Dr. 120,866	Dr. 323,838	Dr. 2,806,501	Dr. 13,329,111

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

April, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	2,369,125	79,682	183,868	178,265	113,144	11,357,643	14,281,707	52,197,781
Express	13,824	-	7,708	22,355	1,219	190,919	236,025	972,254
Freight	150,343	106,829	45,746	-	20,501	425,186	748,605	2,999,343
Excess baggage	18,894	1,584	5,307	4,883	2,289	57,543	90,500	371,526
Mail	135,755	21,274	42,596	1,394	16,244	809,606	1,026,869	4,300,286
Total unit toll transportation	2,687,941	209,369	285,225	206,877	153,397	12,840,897	16,383,706	60,841,190
Bulk transportation	56,985	12,598	264,046	1,016	113,998	97,855	546,498	1,415,392
Total transportation	2,744,926	221,967	549,271	207,893	167,395	12,938,752	16,930,204	62,256,582
Specialty flying services	-	-	6,024	-	-	2,997	9,021	16,967
Total flying services	2,744,926	221,967	555,295	207,893	267,395	12,941,749	16,939,225	62,273,549
Non-flying services	22,719	12,314	27,216	2,732	2,631	Dr.	60,373	1,203,381
Total operating revenues	2,767,645	234,281	582,511	210,625	270,026	12,934,510	16,999,598	63,476,930
Operating expenses:								
Flying operations	1,085,875	78,840	250,312	84,708	162,139	3,088,018	4,749,892	18,310,258
Maintenance	746,896	55,053	113,511	68,970	16,544	3,042,360	4,043,334	16,208,578
General services and administrations:								
Passenger service	288,368	5,979	12,315	3,374	2,007	1,129,772	1,441,815	5,606,496
Aircraft and traffic servicing	468,257	39,294	131,074	23,812	8,167	2,196,699	2,867,303	11,296,484
Promotion and sales	533,442	4,333	13,424	35,212	17,992	2,021,172	2,625,575	9,868,461
General administration	169,392	22,835	37,774	22,103	20,608	525,348	798,060	3,277,620
Totals	1,459,459	72,441	194,587	84,501	48,774	5,872,991	7,732,753	30,049,661
Depreciation and amortization	258,259	27,011	60,888	35,173	14,961	1,751,033	2,147,325	8,266,468
Total operating expenses	3,550,489	233,345	619,298	273,352	242,418	13,754,402	18,673,304	72,834,365
Operating income (loss)	Dr. 782,844	936	Dr. 36,787	Dr. 62,727	27,608	Dr. 819,892	Dr. 1,673,706	Dr. 9,357,435
Non-operating income - net:								
Capital gains and losses	-	Dr. 1,355	-	Dr. 27,225	10,012	-	Dr. 18,568	Dr. 19,903
Interest and discounts	6,269	702	-	2	55	167,488	174,516	937,661
Miscellaneous non-operating income	11,750	-	2,040	Dr. 16	68	Dr. 23,013	Dr. 9,171	17,111
Income before interest expense	Dr. 764,825	283	Dr. 34,747	Dr. 89,966	37,743	Dr. 675,417	Dr. 1,526,929	Dr. 8,422,566
Interest expense	-	4,912	9,149	65,531	9,621	866,521	955,734	3,646,745
Income before income taxes	Dr. 764,825	4,629	Dr. 43,896	Dr. 155,497	28,122	Dr. 1,541,938	Dr. 2,482,663	Dr. 12,069,311
Provision for income taxes	-	-	-	-	-	-	-	425
Net income after income taxes	Dr. 764,825	Dr. 4,629	Dr. 43,896	Dr. 155,497	28,122	Dr. 1,541,938	Dr. 2,482,663	Dr. 12,069,736

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

April, 1961

	Group I carriers			Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)		Total (1)
<u>Transportation services</u>									
Unit toll:									
Revenue departures	No.	1,704	12,294	722	1,071	847	670	3,310	17,308
Revenue hours flown	"	3,831	17,165	777	1,218	592	833	3,420	24,416
Revenue miles scheduled	"	994,768	4,160,146	27,086	77,325	89,780	27,442	221,633	5,376,547
Revenue miles flown:									
Scheduled services - Regular	"	984,326	4,094,757	24,705	74,301	79,700	25,726	204,432	5,283,515
Extra section	"	12,427	228,212	1,947	4,608	2,299	-	8,854	249,493
Non-scheduled services	"	52,969	-	101,648	94,082	26,329	87,817	309,876	362,845
Totals	"	1,049,722	4,322,969	128,300	172,991	108,328	113,543	523,162	5,895,853
Ratio of regular miles flown to miles scheduled		98.9	98.4	91.2	96.1	88.8	93.7	92.2	98.3
Revenue passengers carried	No.	27,284	295,457	4,871	9,086	8,747	3,091	25,795	348,536
Revenue goods carried:									
Express	1b.	59,056	634,554	-	20,054	185,890	9,109	215,053	908,663
Freight	"	304,670	2,686,688	1,091,079	326,651	-	119,606	1,537,336	4,528,694
Excess baggage	"	18,569	208,321	8,621	23,179	35,027	8,821	75,648	302,538
Mail	"	143,140	2,200,891	129,595	123,813	13,745	45,240	312,393	2,656,424
Totals	"	525,435	5,730,454	1,229,295	493,697	234,662	182,776	2,140,430	8,396,319
Revenue passenger-miles:									
Scheduled services	No.	41,383,587	191,124,720	329,533	1,090,734	1,529,622	369,367	3,319,256	235,827,563
Non-scheduled services	"	1,311,204	-	564,058	1,221,991	576,615	866,638	3,229,302	4,540,506
Totals	"	42,694,791	191,124,720	893,591	2,312,725	2,106,237	1,236,005	6,548,558	240,368,069
Available seat-miles on scheduled services	"	79,975,271	304,577,209	633,680	2,041,976	3,081,796	-	-	-
Passenger load factor on scheduled services		51.7	62.8	52.0	53.4	49.6	-	-	-
Revenue goods ton-miles:									
Express - Scheduled services	No.	15,981	215,083	-	86	13,853	487	14,426	245,490
Non-scheduled services	"	662	-	-	7,529	9,104	1,480	18,113	18,775
Totals	"	16,643	215,083	-	7,615	22,957	1,967	32,539	264,265
Freight - Scheduled services	"	374,895	1,565,829	6,701	4,620	-	389	11,710	1,952,434
Non-scheduled services	"	2,321	-	256,079	94,933	-	19,989	371,001	373,322
Totals	"	377,216	1,565,829	262,780	99,553	-	20,378	382,711	2,325,756

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

April, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services	22,957	63,339	86,296	170	1,480	3,399	423	5,472	91,768
Non-scheduled services	73	-	73	1,237	2,405	1,394	1,991	7,027	7,100
Totals	23,030	63,339	86,369	1,407	3,885	4,793	2,414	12,499	98,868
Mail - Scheduled services	100,949	910,086	1,011,035	4,842	874	917	1,480	8,113	1,019,148
Non-scheduled services	3,600	-	3,600	7,721	39,309	685	4,847	56,162	56,162
Totals	104,549	910,086	1,014,635	12,563	40,183	1,602	6,327	60,675	1,075,310
Total - Scheduled services	514,782	2,754,337	3,269,119	11,713	7,060	18,169	2,779	39,721	3,308,840
Non-scheduled services	6,656	-	6,656	265,037	144,176	11,183	28,307	448,703	455,359
Totals	521,438	2,754,337	3,275,775	276,750	151,236	29,352	31,086	488,424	3,764,199
Available ton-miles on scheduled services	9,981,288	41,400,910	51,382,198	76,840	208,417	328,018	62,725	676,000	52,058,198
Weight load factor on scheduled services (2)	46.6	52.8	...	58.1	55.7	52.2	63.3	...	...
<u>Bulk:</u>									
Revenue - Departures	3	29	32	48	1,047	8	416	1,519	1,551
Hours flown	49	81	130	53	1,341	8	523	1,925	2,055
Miles flown	14,214	27,303	41,517	8,121	180,225	1,146	88,501	277,993	319,510
Passengers carried	273	1,265	1,538	42	1,745	-	179	1,966	3,504
Freight carried	-	-	-	301,811	1,078,088	54,720	1,616,379	3,050,998	3,050,998
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	12	12	-	79	-	-	79	91
<u>Total - All services</u>									
Traffic: (3)									
Revenue:									
Departures	1,707	12,323	14,030	770	2,118	855	1,086	4,829	18,859
Hours flown	3,880	17,258	21,138	830	2,638	600	1,356	5,424	26,562
Miles flown	1,063,936	4,350,272	5,414,208	136,421	355,216	109,474	202,044	801,155	6,215,363
Passengers carried	27,557	296,722	324,279	4,913	10,831	8,747	3,270	27,761	352,040
Cargo carried	363,726	3,321,242	3,684,968	1,392,890	1,424,793	240,610	1,745,094	4,803,387	8,488,355
Goods carried	525,435	5,730,454	6,255,889	1,531,106	1,571,785	289,382	1,799,155	5,191,428	11,447,317

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
April, 1961

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)
Total - All services - Concluded:								
Traffic (3) - Concluded:								
Non-revenue:								
Hours flown	457	222	679	35	92	14	29	170
Passengers carried	989	..	..	157	155	152	27	491
Goods carried	97,334	..	..	16,113	42,097	-	5,291	63,501
Passenger-miles	1,795,450	10,491,182	12,286,632	42,160	70,890	42,654	16,470	172,174
Goods ton-miles	160,106	283,076	443,182	3,386	13,147	-	1,605	18,138
								849
								..
								12,458,806
								461,320
Fuel consumed:								
Turbo fuel - Quantity	1,988,062	9,389,909	11,377,971	29,163	-	121,975	-	151,138
Cost	233,903	1,124,198	1,358,101	6,851	-	29,154	-	36,005
Gasoline - Quantity	565,971	780,809	1,346,780	26,037	232,502	6,738	103,279	368,556
Cost	174,519	300,936	475,455	8,150	103,520	2,931	45,734	160,335
								11,529,109
								1,394,106
								1,715,336
								635,790
Oil consumed:								
Turbo aircraft - Quantity	645	1,943	2,588	12	-	95	-	107
Cost	4,464	2,088	6,552	149	-	850	-	999
Other aircraft - Quantity	7,693	10,463	18,156	619	2,725	128	1,152	4,624
Cost	7,147	14,655	21,802	547	3,406	187	1,152	5,292
								2,695
								7,551
								22,780
								27,094
Average number of employees:								
Flying personnel	420	1,566	1,986	31	85	34	37	187
Other personnel	2,328	10,251	12,579	163	403	228	145	939
Totals	2,748	11,817	14,565	194	488	262	182	1,126
								2,173
								13,518
								15,691
Salaries and wages paid:								
Flying personnel	305,109	1,057,971	1,363,080	22,455	74,486	20,634	22,607	140,182
Other personnel	919,867	4,476,575	5,396,442	59,142	172,926	81,907	58,475	372,450
Totals	1,224,976	5,534,546	6,759,522	81,597	247,412	102,541	81,082	512,632
								1,503,262
								5,768,692
								7,272,154

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

April, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	22,399	4,410	8,786	8,747	2,761	254,491	301,592
Domestic interline	2,382	661	-	-	-	-	-
Foreign interline	2,215	-	-	-	-	40,966	46,024
Totals (2)	26,996	4,871	8,786	8,747	2,761	295,457	347,616
Revenue express carried:							
Originated	59,056	-	20,054	185,890	9,109	634,544	908,653
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	59,056	-	20,054	185,890	9,109	634,544	908,653
Revenue freight carried:							
Originated	204,915	790,908	317,316	-	43,844	2,686,688	4,063,671
Domestic interline	22,501	-	-	-	-	-	22,501
Foreign interline	49,487	-	-	-	-	-	49,487
Totals (2)	276,903	790,908	317,316	-	43,844	2,686,688	4,115,659
Revenue excess baggage carried:							
Originated	15,722	8,621	23,055	35,027	7,586	105,522	274,533
Domestic interline	517	-	-	-	-	608	1,125
Foreign interline	2,310	-	-	-	-	22,361	24,671
Totals (2)	18,557	8,621	23,055	35,027	7,586	208,321	301,167
Revenue mail carried:							
Originated	143,140	129,595	118,050	13,745	14,376	2,200,891	2,619,797
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	143,140	129,595	118,050	13,745	14,376	2,200,891	2,619,797

(1) For loading only scheduled and non-scheduled passengers denominated as mail line by the Air Transport Board. (2) For London Collection rates line.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service
April, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 2,188	419	405	102	3,114	10,884	13,998
Revenue hours flown	" 3,427	1,809	1,372	747	7,355	13,641	20,996
Revenue miles scheduled	" 714,382	664,921	436,820	242,850	2,058,973	3,095,941	5,154,914
Revenue miles flown:							
Scheduled services - Regular	" 700,479	659,539	419,772	238,112	2,017,902	3,061,181	5,079,083
Extra sections	" 34,033	23,430	32,047	-	89,510	151,129	240,639
Non-scheduled services	" -	-	-	-	-	52,969	52,969
Totals	" 734,512	682,969	451,819	238,112	2,107,412	3,265,279	5,372,691
Ratio of regular miles flown to miles scheduled	98.1	99.2	96.1	98.0	98.0	98.9	98.5
Revenue passenger-miles	No. 25,466,985	39,480,144	25,281,799	10,010,615	100,239,543	133,579,968	233,819,511
Available seat-miles on scheduled services	" 35,412,865	75,479,040	44,683,907	18,822,477	174,398,289	210,154,191	384,552,480
Passenger load factor on scheduled services	71.9	52.3	56.6	53.2	57.5	63.6	60.8
Revenue goods ton-miles:							
Express	No. 33,588	-	-	-	33,588	198,138	231,726
Freight	" 117,052	407,028	149,105	161,048	834,233	1,108,812	1,943,045
Excess baggage	" 5,195	24,745	17,503	6,200	53,643	32,726	86,369
Mail	" 31,927	146,559	23,740	48,259	250,485	764,150	1,014,635
Totals	" 187,762	578,332	190,348	215,507	1,171,949	2,103,826	3,275,775
Available ton-miles on scheduled services	" 3,956,862	10,180,501	6,244,812	2,490,602	22,872,777	28,509,421	51,382,198
Weight load factor on scheduled services (1)	69.1	44.5	43.5	48.8	48.9	54.2	51.8

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

April, 1961

	Month		Year to date	
	Revenue hours	Revenue earned \$	Revenue hours No.	Revenue earned \$
Flying training	2,498	37,442	9,072	144,097
Recreational flying	675	12,814	2,213	36,765
Aerial photography and survey	270	60,752	1,200	434,239
Aerial photography (excl. survey)	33	1,162	87	2,374
Aerial pest control	25	2,189	35	2,484
Aerial advertising	-	-	9	615
Aerial patrol and inspection	686	48,744	2,361	220,754
Philanthropic	4	Dr. 66	27	Dr. 148
Aerial fish cultivation	-	-	-	-
Geophysical survey	412	57,880	1,410	178,741
Non-transportation charter	-	-	58	39,499
Other specialty flying	88	7,760	209	29,117
Total specialty flying	4,691	228,677	16,681	1,088,537

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV

April, 1961

	Month	Year to date
Revenue hours flown	1,358	4,404
Average number of aircraft	94	97
Average number of employees:		
Flying personnel	226	218
Other personnel	110	124
Totals	336	342
Salaries and wages paid:		
Flying personnel	121,827	416,082
Other personnel	85,647	329,383
Totals	207,474	745,465
Operating revenues:		
Bulk transportation	228,009	719,068
Other flying services	7,170	29,870
Non-flying services	Dr. 21,955	17,579
Totals	213,224	766,517
Operating expenses:		
Flying operations	164,401	554,832
Maintenance	84,639	330,431
General services and administration ..	55,457	240,900
Depreciation and amortization	77,593	327,083
Totals	382,090	1,453,246
Operating income (Loss)	Dr. 168,866	Dr. 686,729
Net income (deficit) after income taxes	Dr. 163,390	Dr. 695,006

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
April, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	20,468	23,859	44,327	4,644	6,209	10,853
Bulk transportation	"	149	149	298	199	893	1,092
Totals	"	20,617	24,008	44,625	4,843	7,102	11,945
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	88,540	559,934	648,474	120,029	436,211	556,240
Bulk transportation	"	-	-	-	-	-	-
Totals	"	88,540	559,934	648,474	120,029	436,211	556,240
Mail carried (Unit toll transportation) ..	"	37,451	88,418	125,869	18,798	85,736	104,534
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	374	429	803	25,486	30,497	55,983
Bulk transportation	"	-	-	-	348	1,042	1,390
Totals	"	374	429	803	25,834	31,539	57,373
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	6,702	1,706	8,408	215,271	997,851	1,213,122
Bulk transportation	"	-	-	-	-	-	-
Totals	"	6,702	1,706	8,408	215,271	997,851	1,213,122
Mail carried (Unit toll transportation) ..	"	931	444	1,375	57,180	174,598	231,778

CIVIL AVIATION DEFINITIONS

- Unit Toll Transportation: Transportation of passengers or goods at a toll per unit. It includes:
- (i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and
 - (ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
- Bulk Transportation: Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
- Specialty Flying Services: Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
- Scheduled Carriers: Carriers operating some unit toll scheduled service.
- Non-Scheduled Carriers: Carriers not operating any unit toll scheduled service.
- Revenue Classification of Canadian Carriers:
- Group I Carriers: Trans-Canada Air Lines and Canadian Pacific Air Lines.
 - Group II Carriers: All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Ltd.
 - Group III Carriers: All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
 - Group IV Carriers: All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
 - Group V Carriers: All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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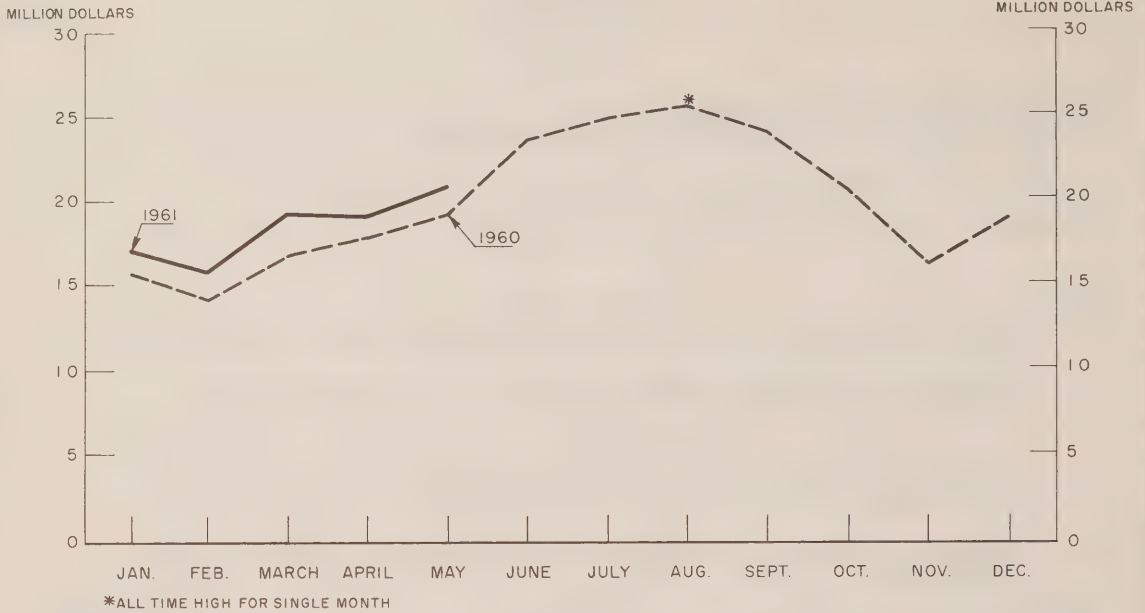
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SYMBOLS

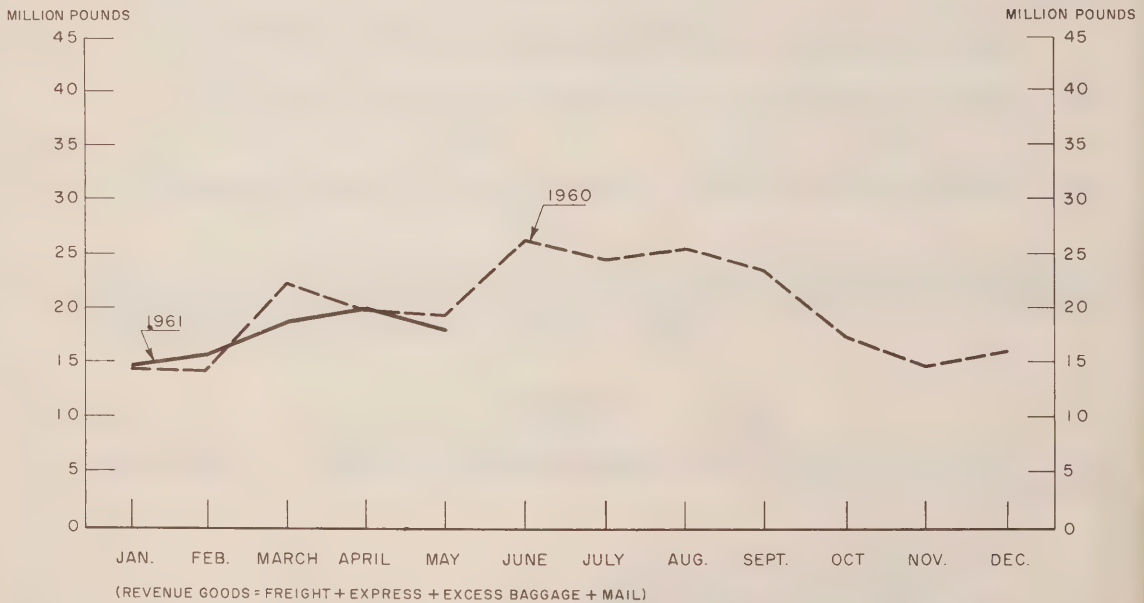
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1960-1961



INTRODUCTION

During May, Canadian air carriers transported 3.1 per cent more revenue passengers, but 5.7 per cent less revenue goods than in May, 1960. Passengers carried increased to 407,644 from 395,306, while goods flown decreased to 17,930,112 from 19,018,211 lbs. Revenue miles flown declined 8.2 per cent to 8,033,535 from 8,753,110. Both operating revenues and expenses registered increases, as revenues rose 8.1 per cent to \$20,821,898 from \$19,263,214 and expenses 5.2 per cent to \$20,999,040 from \$19,963,667. As a result the operating loss of \$177,142 was substantially lower than that of \$700,453 reported in May 1960, although the deficit, after provision for income taxes and other charges, rose to \$963,620 from \$777,082.

For the first five months of 1961, Canadian carriers transported 4.8 per cent more revenue passengers in contrast to 3.4 per cent less revenue goods than in the corresponding period of 1960. The number of passengers carried rose to 1,812,176 from 1,729,915, but the volume of goods flown dropped to 85,500,831 lbs. from 88,523,128 lbs. During the same period, operating revenues increased 10.1 per cent, to \$91,999,666 from \$83,555,190, as compared with an increase of 9.4 in operating expenses which rose to \$102,561,153 from \$93,752,560.

A total of 376,333 or 92.3 per cent of all revenue passengers carried and 9,777,357 lbs. or 54.5 per cent of all revenue goods were transported in unit toll service this month. In May 1960, 356,234 revenue passengers or 90.1 per cent of the total and 10,271,563 lbs. of revenue goods or 53.0 per cent of the total were carried in this type of service. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

In May, the six scheduled carriers transported 365,236 revenue passengers or 89.6 per cent of the total as against 350,230 or 88.6 per cent. The revenue goods carried amounted to 9,088,287 lbs. or 50.7 per cent of the total while the May, 1960 figure was 10,964,608 lbs. or 56.6 per cent. The scheduled carriers also accounted for 87.5 per cent of the operating revenues and 87.7 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for May of the previous year are 85.3 per cent and 86.3 per cent, respectively.

Table 8 shows data for companies operating helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In May, 1961, they flew a total of 3,619 revenue hours, a decrease of 16.1 per cent from the 4,313 hours flown in May, 1960. The operating revenues declined 28.7 per cent to \$384,933 from \$539,608, but the operating expenses dropped only 10.9 per cent to \$475,141 from \$533,031. As a result, there was an operating loss of \$90,208 compared with an operating income of \$6,577 in the previous May.

Foreign carriers licensed to operate in Canada transported 60,322 revenue passengers compared with 61,699 in May 1960, a decrease of 2.2 per cent, whereas the revenue goods carried rose sharply to 1,719,137 lbs. from 1,342,056 lbs., an increase of 28.1 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

May, 1961

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ..	6	19	50	69	75	9	8	92	...	
Transportation services:										
Unit toll:										
Revenue departures	18,335	1,916	917	2,833	21,168	..	..	..	..
Revenue hours flown	24,791	2,352	561	2,913	27,704	537	747	28,988	139,571	
Revenue miles scheduled ...	5,605,336	...	...	...	5,605,336	141,989	303,326	6,050,651	28,539 395
Revenue miles flown:										
Scheduled services	5,672 315(4)	297,317	74,987	372,304	5,672,315(4)	141,261	314,796	6,128,372(4)	28,365,263(4)	
Non-scheduled services ..	387,274(4)	297,317	74,987	372,304	759,578(4)	-	-	759,578(4)	3,706,629(4)	
Totals	6,059,589	297,317	74,987	372,304	6,431,893	141,261	314,796	6,887,950	32,071,892	
Revenue passengers carried	365,236	6,505	4,592	11,097	376,333	45,711	14,611	436,655	1,975,299	
Revenue goods carried:										
Cargo	6,280,204	445,511	33,754	479,265	6,759,469	801,707	678,577	8,410,543(5)	37,413,723(5)	
Excess baggage	126,099(5)	11,962	32,729	44,691	170,790(5)	129,582	109,271	3,085,951	16,821,146	
Mail	2,681,984	142,069	23,045	165,114	2,847,098	931,289	787,848	11,496,494	54,234,869	
Totals	9,088,287	599,542	89,528	689,070	9,777 357	2,141,291	13,583,076	271,236,890	1,210,580,870	
Revenue passenger-miles ...	253,309,047	1,828,844	374,632	2,203,476	255,512,523	2,141,291	13,583,076	271,236,890	1,210,580,870	
Revenue goods ton-miles:										
Cargo	2,824,687	139,197	2,107	141,304	2,965,991	23,263	249,530	3,353,095	15,760,105	
Excess baggage	108,112	4,686	1,513	6,199	114,311	2,439	48,758	1,203,695	5,999,018	
Mail	1,130,050	21,360	1,088	22,448	1,152,498	25,702	298,288	4,556,790	21,759,123	
Totals	4,062,849	165,243	4,708	169,951	4,232 800	-	-	-	-	
Bulk:										
Revenue - Departure	1,487	6,276	7,033	13,309	14,796	..	..	..	..
Hours flown	1,905	8,162	6,196	14,358	16,263	1	114	16,378	57,838	
Miles flown	283,809	749,279	568,554	1,317,833	1,601,642	140	33,001	1,634,783	6,336,929	
Passengers carried	4,848	13,757	12,706	26,463	31,311	156	2,425	33,892	104,883	
Freight carried . lb.	1,059,192	5,395,790	1,697,773	7,093,563	8,152,755	-	-	8,152,755	40,212,968	
Non-transportation services:										
Specialty flying:										
Revenue hours flown	347	1,598	5,342	6,940	7,287	-	-	7,287	23,941	

see footnotes at end of table.

See footnotes at end of table.

TABLE I. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

May, 1961

- 7 -

		Canadian carriers						Foreign carriers (2)		Grand total all carriers	Year to date	
		Scheduled carriers		Non-scheduled carriers				Total Canadian carriers	United States carriers			Other Foreign carriers (3)
				Group III (1)	Group IV	Total						
Total - All services:		Groups I and II (1)										
Traffic: (5)												
Revenue:												
Departures	No.	19,822	8,192		7,950	16,142	35,964					
Hours flown	"	27,043	12,112		12,099	24,211	51,254					
Miles flown	"	6,343,398	1,046,596		643,541	1,690,137	8,033,535					
Passengers carried	"	370,084	20,262		17,298	37,560	407,644					
Cargo carried	lb.	7,339,396	5,841,301		1,731,527	7,572,828	14,912,224					
Goods carried	"	10,147,479	5,995,332		1,787,301	7,782,633	17,930,112					
Non-revenue:												
Hours flown	No.	1,486	783		501	1,284	2,770					
Passengers carried	"		73		75	148						
Goods carried	lb.		14,482			14,482						
Passenger-miles	No.	12,882,841	77,079		2,885	79,964	12,962,805					
Goods ton-miles	"	527,671	7,191		-	7,191	534,862					
Fuel consumed:												
Turbo fuel - Quantity	gal.	12,195,383	-		-	-	12,195,383					
Cost	\$	1,514,867	-		-	-	1,514,867					
Gasoline - Quantity	gal.	1,863,921	670,294		171,990	842,284	2,706,205					
Cost	\$	690,967	267,719		72,868	340,587	1,031,554					
Oil consumed:												
Turbo aircraft - Quantity ..	gal.	2,560	-		-	-	2,560					
Cost	\$	2,229	-		-	-	2,229					
Other aircraft - Quantity ..	gal.	22,765	8,517		2,098	10,615	33,380					
Cost	\$	29,726	12,564		2,842	15,406	45,132					
Average number of employees:												
Flying personnel	No.	2,180	494		218	712	2,892					
Other personnel	"	13,724	748		491	1,239	14,963					
Totals	"	15,904	1,242		709	1,951	17,855					
Salaries and wages paid:												
Flying personnel	\$	1,589,190	319,102		123,584	442,686	2,031,876					
Other personnel	\$	6,053,833	338,192		198,802	536,994	6,590,827					
Totals	\$	7,643,023	657,294		322,386	979,680	8,622,703					
				</								

(1) Nordair Ltd. included with Group III carriers for purposes of this report.
 (2) See introduction, page 5, last paragraph.
 (3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.
 (5) Excludes excess baggage carried by Trans-Canada Air Lines.
 (6) Except for hours flown these data relate to transportation services only.
 (7) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group
May, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	14,621,282	647,049	15,268,331	216,010	66,680	282,690	15,551,021	68,423,166
Express	240,428	38,486	278,914	1,488	1,781	3,269	282,183	1,305,717
Freight	576,051	202,388	778,439	77,450	1,074	78,524	856,963	4,138,932
Excess baggage	80,328	17,620	98,148	6,189	2,330	8,519	106,667	490,893
Mail	976,529	88,766	1,065,295	65,550	5,210	70,760	1,136,055	5,896,147
Total unit toll transportation	16,494,818	994,309	17,489,127	366,687	77,075	443,762	17,932,889	80,254,855
Bulk transportation:								
Total transportation	144,359	312,536	456,895	1,193,060	464,693	1,657,753	2,114,648	8,030,700
Specialty flying services	16,639,177	1,306,845	17,946,022	1,559,747	541,768	2,101,515	20,447,537	88,285,555
Non-flying services	16,643,606	25,718	30,147	193,376	133,810	327,186	357,333	1,494,440
Total flying services	16,643,606	1,332,563	17,976,169	1,753,123	675,578	2,428,701	20,404,870	89,779,995
Non-flying revenues	198,509	52,183	250,692	35,928	202,264	166,336	417,028	2,219,671
Total operating revenues	16,842,115	1,384,746	18,226,861	1,717,195	877,842	2,595,037	20,821,898	91,999,666
Operating expenses:								
Flying operations	4,482,207	549,762	5,031,969	797,097	328,531	1,125,628	6,157,597	28,036,478
Maintenance	3,488,895	265,288	3,754,183	535,935	196,954	732,889	4,487,072	23,079,614
General services and administration:								
Passenger service	1,525,700	27,486	1,553,186	..	..	..	..	..
Aircraft and traffic servicing	2,581,910	193,277	2,775,187	..	..	..	..	..
Promotion and sales	2,655,051	73,773	2,730,824	..	..	..	..	..
General administration	759,513	86,127	845,640	..	..	..	..	..
Totals	7,522,174	382,663	7,904,837	293,091	113,793	406,884	8,311,721	39,951,918
Depreciation and amortization	1,548,435	180,727	1,729,162	211,961	313,488	525,449	2,042,650	11,493,343
Total operating expenses	17,041,711	1,378,440	18,420,151	1,838,084	740,805	2,578,889	20,999,040	102,561,153
Operating income (loss)	Dr. 199,596	6,306	Dr. 193,290	Dr. 120,899	137,037	16,148	Dr. 177,142	Dr. 10,561,487
Non-operating income - net:								
Capital gains and losses	Dr. 45,497	4,852	Dr. 40,645	Dr. 490	3,500	3,010	Dr. 37,635	Dr. 24,750
Interest and discounts	148,468	4,347	152,815	1,021	1,194	2,215	155,030	1,102,223
Miscellaneous non-operating income	14,124	62,743	76,867	Dr. 2,968	625	Dr. 2,343	74,524	62,775
Income before interest expense	Dr. 82,501	78,248	Dr. 4,253	Dr. 123,326	142,356	19,030	14,777	Dr. 9,421,239
Interest expense	872,473	Cr. 13,272	859,201	37,190	6,969	44,159	903,360	4,724,280
Income before income taxes	Dr. 954,974	91,520	Dr. 863,454	Dr. 160,516	135,387	25,129	888,583	Dr. 14,145,519
Provision for income taxes	-	-	-	74,808	229	75,037	75,037	169,926
Net income after income taxes	Dr. 954,974	91,520	Dr. 863,454	Dr. 235,324	135,158	100,166	Dr. 963,620	Dr. 14,315,445

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

May, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	2,491,909	94,945	198,152	219,866	134,086	12,129,373	15,268,331	67,466,112
Express	14,567	-	9,106	27,979	1,401	225,861	278,914	1,251,168
Freight	135,477	116,609	65,783	-	19,996	440,574	778,439	3,777,782
Excess baggage	21,247	1,512	7,231	6,836	2,041	59,281	98,148	469,674
Mail	147,317	21,916	46,122	1,631	19,097	829,212	1,065,295	5,365,581
Total unit toll transportation	2,810,517	234,982	326,394	256,312	176,621	13,684,301	17,489,127	78,330,317
Bulk transportation	93,845	4,689	242,488	3,529	61,830	50,514	456,895	1,872,287
Total transportation	2,904,362	239,671	568,882	259,841	238,451	13,734,815	17,946,022	80,202,602
Specialty flying services	-	-	25,718	-	-	4,429	30,147	47,114
Total flying services	2,904,362	239,671	594,600	259,841	238,451	13,739,244	17,976,169	80,249,718
Non-flying services	34,926	10,779	29,083	10,084	2,237	163,583	250,692	1,458,073
Total operating revenues	2,939,288	250,450	623,683	269,925	240,688	13,902,827	18,226,861	81,703,791
Operating expenses:								
Flying operations	1,156,745	81,860	242,606	97,281	128,015	3,325,462	5,031,969	23,342,227
Maintenance	716,692	58,112	117,110	76,094	13,972	2,772,203	3,754,183	19,962,761
General services and administrations:								
Passenger service	298,845	7,541	13,155	4,638	2,152	1,226,855	1,553,186	7,159,682
Aircraft and traffic servicing	469,632	34,419	123,463	23,942	11,453	2,112,278	2,775,187	14,071,671
Promotion and sales	533,990	6,731	13,745	34,518	20,779	2,121,061	2,730,824	12,599,285
General administration	171,489	17,773	26,359	23,884	18,111	588,024	845,640	4,123,360
Totals	1,473,956	66,464	176,722	86,982	52,495	6,048,218	7,904,837	37,953,898
Depreciation and amortization	266,124	21,152	61,658	83,099	14,818	1,282,311	1,729,162	9,995,630
Total operating expenses	3,613,517	227,588	598,096	343,456	209,300	13,428,194	18,420,151	91,254,516
Operating income (loss)	Dr. 674,229	22,862	25,587	Dr. 73,531	31,388	474,633	Dr. 193,290	Dr. 9,550,725
Non-operating income - net:								
Capital gains and losses	Dr. 45,497	88	-	Dr. 27	4,791	-	Dr. 40,645	Dr. 60,548
Interest and discounts	6,453	3,394	-	6	947	142,015	152,815	1,080,476
Miscellaneous non-operating income	917	9	62,681	Dr. 20	73	13,207	76,867	93,978
Income before interest expense	Dr. 712,356	26,353	88,268	Dr. 73,572	37,199	629,855	Dr. 4,253	Dr. 8,426,819
Interest expense	-	7,323	12,253	Cr. 41,299	8,451	872,473	859,201	4,505,946
Income before income taxes	Dr. 712,356	19,030	76,015	Dr. 32,273	28,748	Dr. 242,618	Dr. 863,454	Dr. 12,932,765
Provision for income taxes	-	-	-	-	-	-	-	425
Net income after income taxes	Dr. 712,356	19,030	76,015	Dr. 32,273	28,748	Dr. 242,618	Dr. 863,454	Dr. 12,933,190

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

May, 1961

- 10 -

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services									
Unit toll:									
Revenue departures	1,910	12,893	14,803	773	1,123	997	639	3,532	18,335
Revenue hours flown	3,838	17,273	21,111	854	1,254	714	858	3,680	24,791
Revenue miles scheduled	1,017,378	4,345,627	5,363,005	29,150	84,517	84,110	44,554	242,331	5,605,336
Revenue miles flown:									
Scheduled services - Regular	995,606	4,252,244	5,247,850	26,088	82,729	83,385	44,154	236,356	5,484,206
Extra section	9,831	165,281	175,112	704	5,876	2,110	4,307	12,997	188,109
Non-scheduled services	66,349	-	66,349	115,414	91,326	42,907	71,278	320,925	387,274
Totals	1,071,786	4,417,525	5,489,311	142,206	179,931	128,402	119,739	570,278	6,059,589
Ratio of regular miles flown to miles scheduled	97.9	97.9	...	89.5	97.9	99.1	99.1	...	...
Revenue passengers carried	No.	307,909	336,612	4,800	9,809	10,515	3,500	28,624	365,236
Revenue goods carried:									
Express	64,018	699,617	763,635	-	22,628	167,729	10,136	200,493	964,128
Freight	287,334	3,161,639	3,448,973	1,393,590	366,794	-	106,719	1,867,103	5,316,076
Excess baggage	21,313	-	21,313	10,916	26,092	59,628	8,150	104,786	126,099
Mail	164,743	2,201,100	2,365,843	116,087	132,964	16,219	50,871	316,141	2,681,984
Totals	537,408	6,062,356	6,599,764	1,520,593	548,478	243,576	175,876	2,488,523	9,088,287
Revenue passenger-miles:									
Scheduled services	41,811,792	202,760,773	244,572,565	337,880	1,160,674	1,727,881	786,303	4,012,738	248,585,303
Non-scheduled services	1,346,014	-	1,346,014	693,433	1,345,827	681,638	656,832	3,377,730	4,723,744
Totals	43,157,806	202,760,773	245,918,579	1,031,313	2,506,501	2,409,519	1,443,135	7,390,468	253,309,047
Available seat-miles on scheduled services	86,716,868	319,034,898	405,751,766	664,762	2,445,300	3,322,052	..	..	..
Passenger load factor on scheduled services	48.2	63.6	...	50.8	47.5	52.0	..	...	...
Revenue goods ton-miles:									
Express - Scheduled services	16,735	250,059	266,794	-	200	17,695	1,274	19,169	285,963
Non-scheduled services	915	-	915	-	6,738	9,852	1,196	17,786	18,701
Totals	17,650	250,059	267,709	-	6,938	27,547	2,470	36,955	304,664
Freight - Scheduled services	347,090	1,720,078	2,067,168	3,818	5,579	-	11,796	11,193	2,078,361
Non-scheduled services	2,548	-	2,548	317,838	103,438	-	17,838	439,114	441,662
Totals	349,638	1,720,078	2,069,716	321,656	109,017	-	19,634	450,307	2,520,023

See footnotes at end of table.

May, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - concluded:									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	22,517	69,905	92,422	279	1,514	4,805	1,343	7,941	100,363
Non-scheduled services	97	-	97	1,290	2,732	2,797	833	7,652	7,769
Totals	22,614	69,905	92,519	1,569	4,266	7,602	2,176	15,593	108,112
Mail - Scheduled services	111,344	952,668	1,064,012	3,991	1,042	238	2,022	7,293	1,071,305
Non-scheduled services	3,937	-	3,937	8,983	39,162	826	5,837	54,808	58,745
Totals	115,281	952,668	1,067,949	12,974	40,204	1,064	7,859	62,101	1,130,050
Total - Scheduled services	497,686	2,992,710	3,490,396	8,088	8,335	22,738	6,435	45,596	3,535,992
Non-scheduled services	7,497	-	7,497	328,111	152,070	13,475	25,704	519,360	526,857
Totals	505,183	2,992,710	3,497,893	336,199	160,405	36,213	32,139	564,956	4,062,849
Available ton-miles on scheduled services	11,083,982	43,497,454	54,581,436	76,121	241,090	353,994	127,422	798,627	55,380,063
Weight load factor on scheduled services (2)	42.2	53.5	...	55.0	51.6	55.2	66.8	...	...
Bulk:									
Revenue - Departures No.	13	31	44	33	1,095	23	292	1,443	1,487
Hours flown	169	64	233	29	1,322	23	298	1,672	1,905
Miles flown	44,492	15,489	59,981	3,867	173,388	3,637	42,936	223,828	283,809
Passengers carried	582	1,546	2,128	96	1,935	133	556	2,720	4,848
Freight carried lb.	-	-	-	138,975	588,110	800	331,307	1,059,192	1,059,192
Non-transportation services									
Specialty flying:									
Revenue hours flown No.	-	19	19	-	328	-	-	328	347
Total - All services									
Traffic: (3)									
Revenue:									
Departures No.	1,923	12,924	14,847	806	2,218	1,020	931	4,975	19,822
Hours flown	4,007	17,356	21,363	883	2,904	737	1,156	5,680	27,043
Miles flown	1,116,278	4,433,014	5,549,292	146,073	353,319	132,039	162,675	794,106	6,343,398
Passengers carried	29,285	309,455	338,740	4,896	11,744	10,648	4,056	31,344	370,084
Cargo carried lb.	351,352	3,861,256	4,212,608	1,532,565	977,532	168,529	448,162	3,126,788	7,339,396
Goods carried	537,408	6,062,356	6,599,764	1,659,568	1,136,588	244,376	507,183	3,547,715	10,147,479

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
May, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	358	852	1,210	20	193	17	46	276	1,486
Passengers carried	1,079	..	..	121	115	136	82	454	..
Goods carried	110,715	..	..	29,032	39,975	-	6,431	75,438	..
Passenger-miles	2,589,882	10,130,432	12,720,314	31,177	45,037	42,636	43,677	162,527	12,882,841
Goods ton-miles	158,602	349,205	507,807	6,292	11,315	-	2,257	19,864	527,671
Fuel consumed:									
Turbo fuel - Quantity	2,007,096	10,002,227	12,009,323	40,177	-	145,883	-	186,060	12,195,383
Cost	270,525	1,202,538	1,473,063	9,532	-	32,272	-	41,804	1,514,867
Gasoline - Quantity	600,309	699,560	1,299,869	195,689	235,656	34,601	98,106	564,052	1,863,921
Cost	189,676	312,435	502,111	34,538	105,532	5,325	43,461	188,856	690,967
Oil consumed:									
Turbo aircraft - Quantity	439	2,040	2,479	-	-	81	-	81	2,560
Cost	3,935	Cr. 2,836(5)	1,099	-	-	1,130	-	1,130	2,229
Other aircraft - Quantity	6,162	10,970	17,132	1,027	2,737	340	1,529	5,633	22,765
Cost	4,733	18,880	23,613	1,013	3,421	150	1,529	6,113	29,726
Average number of employees:									
Flying personnel	436	1,543	1,979	31	87	34	49	201	2,180
Other personnel	2,332	10,423	12,755	165	403	230	171	969	13,724
Totals	2,768	11,966	14,734	196	490	264	220	1,170	15,904
Salaries and wages paid:									
Flying personnel	340,774	1,094,105	1,434,879	31,293	79,001	19,624	24,393	154,311	1,589,190
Other personnel	948,279	4,742,102	5,690,381	50,128	167,101	84,457	61,766	363,452	6,053,833
Totals	1,289,053	5,836,207	7,125,260	81,421	246,102	104,081	86,159	517,763	7,643,023

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes T.C.A.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

(5) Adjustment for reclaimed oil.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

May, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	23,245	4,358	9,666	10,515	3,221	262,861	313,866
Domestic interline	2,991	442	-	-	-	45,048	50,666
Foreign interline	2,185	-	-	-	-	-	-
Totals (2)	28,421	4,800	9,666	10,515	3,221	307,909	364,532
Revenue express carried:							
Originated	64,018	-	22,628	167,729	10,136	699,617	964,128
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	64,018	-	22,628	167,729	10,136	699,617	964,128
Revenue freight carried:							
Originated	227,456	911,601	356,769	-	43,860	3,161,639	4,701,325
Domestic interline	11,285	-	-	-	-	-	11,285
Foreign interline	23,327	-	-	-	-	-	23,327
Totals (2)	262,068	911,601	356,769	-	43,860	3,161,639	4,735,937
Revenue excess baggage carried:							
Originated	18,389	10,916	25,649	59,628	7,785	-	122,367
Domestic interline	741	-	-	-	-	-	741
Foreign interline	2,096	-	-	-	-	-	2,096
Totals (2)	21,226	10,916	25,649	59,628	7,785	-	125,204(3)
Revenue mail carried:							
Originated	164,743	116,087	129,730	16,219	15,671	2,201,100	2,643,550
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	164,743	116,087	129,730	16,219	15,671	2,201,100	2,643,550

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

May, 1961

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 2,386	455	277	92	3,210	11,593	14,803
Revenue hours flown	" 3,618	1,946	1,060	627	7,251	13,860	21,111
Revenue miles scheduled	" 784,036	793,267	296,595	197,892	2,071,790	3,291,215	5,363,005
Revenue miles flown:							
Scheduled services - Regular	" 749,910	779,558	294,099	188,416	2,011,983	3,235,867	5,247,850
Extra sections	" 26,808	262	9,422	7,505	43,997	131,115	175,112
Non-scheduled services	" -	-	-	-	-	66,349	66,349
Totals	" 776,718	779,820	303,521	195,921	2,055,980	3,433,331	5,489,311
Ratio of regular miles flown to miles scheduled	95.6	98.3	99.2	95.2	97.1	98.3	97.9
Revenue passenger-miles	No. 25,725,302	46,199,569	13,133,461	8,445,988	93,504,320	152,414,259	245,918,579
Available seat-miles on scheduled services	" 37,828,245	88,933,270	26,316,661	15,740,550	168,818,726	236,933,040	405,751,766
Passenger load factor on scheduled services	68.0	51.9	49.9	53.7	55.4	64.3	60.6
Revenue goods ton-miles:							
Express	No. 37,844	-	-	-	37,844	229,865	267,709
Freight	" 133,073	469,329	89,853	149,132	841,387	1,228,329	2,069,716
Excess baggage	" 22,955	13,820	3,723	48,496	92,023	44,023	97,519
Mail	" 34,797	157,322	24,733	52,234	269,086	798,863	1,067,949
Totals	" 213,712	649,606	128,406	205,089	1,196,813	2,301,080	3,497,893
Available ton-miles on scheduled services	" 4,257,195	12,234,666	3,353,845	2,048,072	21,893,778	32,687,658	54,581,436
Weight load factor on scheduled services (1)	65.4	43.1	43.0	51.3	48.2	53.2	51.2

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

May, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,719	60,642	12,791	204,739
Recreational flying	888	17,132	3,101	53,897
Aerial photography and survey	766	114,811	1,966	549,050
Aerial photography (excl survey)	79	6,528	166	8,902
Aerial pest control	295	19,021	330	21,505
Aerial advertising	1	125	10	740
Aerial patrol and inspection	984	69,299	3,345	290,053
Philanthropic	-	-	-(1)	-(1)
Aerial fish cultivation	-	-	-	-
Geophysical survey	508	63,021	1,918	241,762
Non-transportation charter	3	925	61	40,424
Other specialty flying	44	6,831	253	35,948
Total specialty flying	7,287	358,335	23,941	1,447,020

(1) Revised.

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV

May, 1961

	Month	Year to date
Revenue hours flown	3,619	8,037
Average number of aircraft	108	100
Average number of employees: Flying personnel	243	224
Other personnel	153	130
Totals	396	354
Salaries and wages paid: Flying personnel	157,046	573,732
Other personnel	102,073	432,456
Totals	259,119	1,006,188
Operating revenues: Bulk transportation	407,039	1,127,328
Other flying services	9,787	39,657
Non-flying services	Dr. 31,893	Dr. 14,314
Totals	384,933	1,152,671
Operating expenses: Flying operations	220,263	776,200
Maintenance	105,518	437,158
General services and administration ..	65,991	307,775
Depreciation and amortization	83,369	408,495
Totals	475,141	1,929,628
Operating income (Loss)	Dr. 90,208	Dr. 776,957
Net income (deficit) after income taxes	Dr. 101,415	Dr. 796,463

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
May, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	23,101	23,165	46,266	6,644	6,915	13,559
Bulk transportation	"	78	78	156	1,552	873	2,425
Totals	"	23,179	23,243	46,422	8,196	7,788	15,984
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	105,959	697,523	803,482	174,306	481,105	655,411
Bulk transportation	"	-	-	-	-	-	-
Totals	"	105,959	697,523	803,482	174,306	481,105	655,411
Mail carried (Unit toll transportation) ..	"	43,061	86,521	129,582	25,040	83,081	108,121
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	187	310	497	29,932	30,390	60,322
Bulk transportation	"	-	-	-	1,630	951	2,581
Totals	"	187	310	497	31,562	31,341	62,903
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	19,441	1,950	21,391	299,706	1,180,578	1,480,284
Bulk transportation	"	-	-	-	-	-	-
Totals	"	19,441	1,950	21,391	299,706	1,180,578	1,480,284
Mail carried (Unit toll transportation) ..	"	640	510	1,150	68,741	170,112	238,853

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: (i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and (ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

CATALOGUE No.

51-001

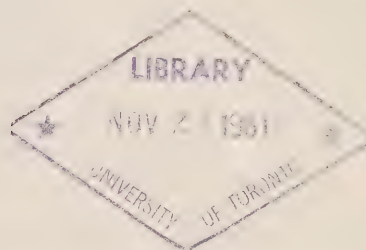
MONTHLY



CANADA

CIVIL AVIATION.

JUNE 1961



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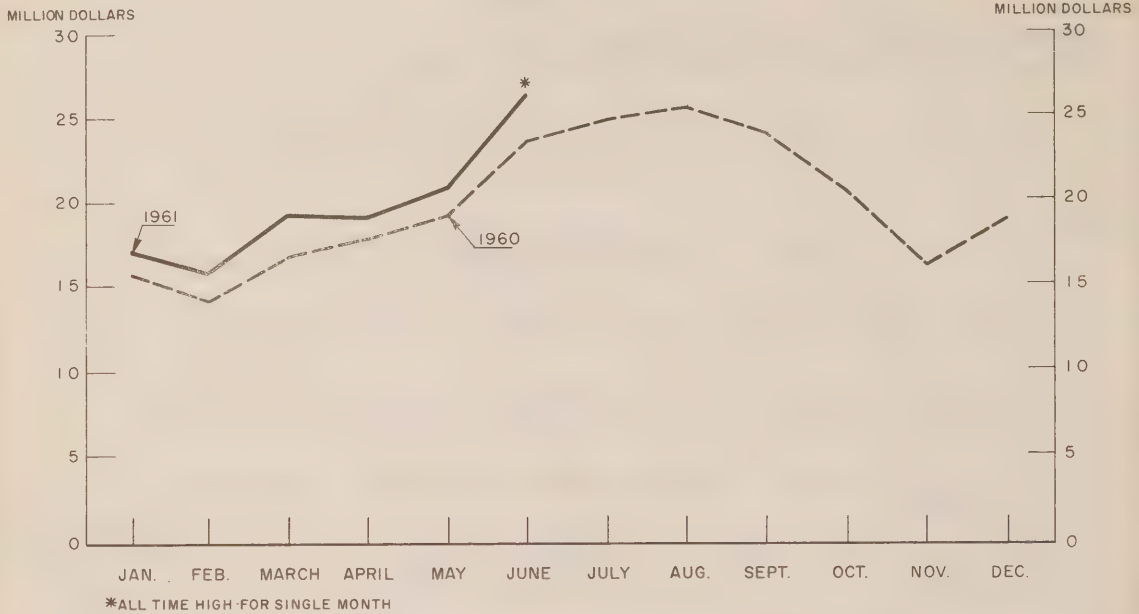
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SYMBOLS

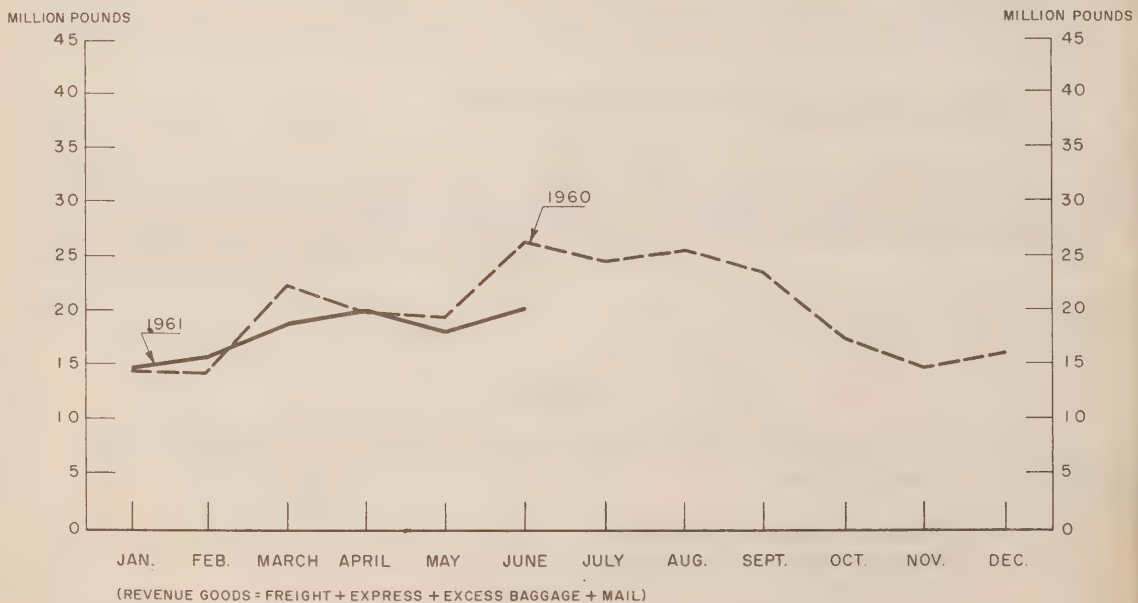
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1960-1961



INTRODUCTION

In June 1961, the number of revenue passengers transported by Canadian air carriers was virtually unchanged from the corresponding month of 1960, whereas the volume of goods carried declined substantially. Revenue passengers carried rose to 470,706 from 470,413 while goods flown decreased 18.1 per cent to 21,141,764 lbs. from 25,809,085 lbs.

Revenue miles flown declined 4.8 per cent to 9,701,317 from 10,189,289. Operating revenues rose 11.7 per cent to \$26,306,801 from \$23,556,946 while operating expenses increased 9.2 per cent to \$22,738,387 from \$20,821,744. As a result, the operating income of \$3,568,414 was considerably higher than that of \$2,735,202 reported in the previous June. For the first time in 1961, a net income (after provision for income taxes and other charges) was realized. It amounted to \$2,725,595 as compared with a net income of \$2,347,298 recorded in June, 1960.

During the first half of 1961, more revenue passengers but less revenue goods were carried than in the same period of 1960. The number of passengers increased 3.8 per cent to 2,282,882 from 2,200,328 while the volume of goods decreased 6.4 per cent to 106,642,595 lbs. from 113,976,103 lbs. A significant increase of 10.5 per cent in operating revenues, which rose to \$118,342,181 from \$107,112,136, was offset by a 9.4 per cent increase in operating expenses, which amounted to \$125,348,817 as compared with \$114,574,304.

In the month of June, 1961, 87.5 per cent of the total revenue passengers and 46 per cent of the total revenue goods were carried in unit toll service. Corresponding figures for the same month of 1960 were 83.8 per cent and 42.8 per cent respectively. It should be noted that a complete breakdown of unit toll services into scheduled and non-scheduled is not possible since some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

During the month under review, the six scheduled carriers transported 408,596 revenue passengers or 86.8 per cent of the total number carried and 10,179,826 lbs. of revenue goods or 48.2 per cent of the total. In June of the previous year, 80.8 per cent of the revenue passengers and 38.3 per cent of the revenue goods were transported by the scheduled carriers.

Table 8 shows data for companies operating helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In June 1961, they flew a total of 9,296 revenue hours compared with 8,188 in June, 1960. Operating revenues totalled \$1,190,254 and operating expenses amounted to \$705,239 compared with revenues of \$935,419 and expenses of \$457,359 in June of the previous year.

Tables 10 and 11 cover operations of the Group V carriers which report quarterly. The information presented in these two tables is excluded from all other tables of the report. During the second quarter of 1961 these carriers transported 33,234 revenue passengers as against 25,499 and 1,850,120 lbs. of revenue goods as compared with 1,676,343 lbs. in the corresponding period of 1960.

Foreign carriers licensed to operate in Canada transported 73,681 revenue passengers and 1,771,825 lbs. of revenue goods in June. This represents an increase of 10.2 per cent over the number of passengers carried during the same period of 1960 (66,876) and a 19.2 per cent increase in the volume of revenue goods (1,486,514 lbs.). It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

June, 1961

	Canadian carriers					Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II (1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers (3)		
		Group III (1)	Group IV	Total					
Number of carriers reporting ..	6	21	49	70	76	9	8	93	...
Transportation services:									
Unit toll:									
Revenue departures	18,576	2,934	576	3,510	22,086	..	..	29,940	169,511
Revenue hours flown	25,450	2,696	381	3,077	28,527	626	787	6,316,948	34,856,343
Revenue miles scheduled ...	5,840,847	...	...	...	5,840,847	150,607	325,494	6,429,626(4)	34,794,889(4)
Revenue miles flown:								818,759(4)	4,525,388(4)
Scheduled services	5,950,306(4)	...	...	383,367	6,769,065	151,190	328,130	7,248,385	39,320,277
Non-scheduled services ..	435,392(4)	334,583	48,784	383,367	6,769,065	151,190	328,130	483,341	2,458,640
Totals	6,385,698	334,583	48,784	11,838	411,849	54,748	16,744	8,590,078(5)	46,003,801(5)
Revenue passengers carried	400,011	8,436	3,402	632,897	6,905,661	815,726	710,779	2,906,755	19,727,901
Revenue goods carried:				31,601	157,912(5)	132,966	112,354	11,496,833	65,731,702
Cargo	6,272,764	558,710	74,187	61,840	9,725,008	3,182,785	15,571,198	319,041,071	1,529,621,941
Excess baggage	126,311(5)	18,975	12,626	726,338	300,287,008	23,831	269,358	3,453,811	19,213,916
Mail	2,599,595	47,159	14,681	2,545,234	3,035,881	2,700	50,593	1,174,452	7,173,470
Totals	8,998,670	624,844	101,494	2,545,234	3,035,881	26,531	319,951	4,628,263	26,387,386
Revenue passenger-miles ...	297,741,854	2,272,146	273,088	208,868	2,445,537	2,700	50,593	1,174,452	7,173,470
Revenue goods ton-miles:				7,246	124,741	2,700	50,593	4,628,263	26,387,386
Cargo	2,827,013	149,391	59,477	15,576	1,121,159	26,531	319,951	1,174,452	7,173,470
Excess baggage	117,495	6,667	579	231,690	4,281,781	26,531	319,951	1,174,452	7,173,470
Mail	1,105,583	14,708	60,924	231,690	4,281,781	26,531	319,951	1,174,452	7,173,470
Totals	4,050,091	170,766	60,924	231,690	4,281,781	26,531	319,951	1,174,452	7,173,470
Bulk:									
Revenue - Departure	3,218	13,422	15,043	28,465	31,683	..	..	34,355	92,635
Hours flown	3,556	17,692	13,003	30,695	34,251	2	102	2,961,963	9,355,979
Miles flown	486,715	1,260,045	1,185,492	2,445,537	2,932,252	410	29,301	61,046	168,036
Passengers carried	8,585	25,881	24,391	50,272	58,857	80	2,109	11,416,756	51,760,259
Freight carried . lb.	1,181,156	7,414,457	2,821,143	10,235,600	11,416,756	-	-	11,416,756	51,760,259
Non-transportation services:									
Specialty flying:									
Revenue hours flown	544	4,216	5,349	9,565	10,109	-	-	10,109	34,050

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

June, 1961

[illegible]

- (1) Nordair Ltd. included with Group III carriers for purposes of this report.
- (2) See Introduction, page 5, last paragraph.
- (3) Includes fifth freedom traffic between United States and Canada.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

June, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	17,388,018	789,942	18,177,960	278,753	46,101	324,854	18,502,814	86,925,980
Express	271,236	43,638	314,894	6,349	3,400	9,749	324,643	1,630,360
Freight	566,427	204,603	771,030	83,435	1,801	85,236	856,266	4,995,198
Excess baggage	95,273	20,873	116,146	7,357	850	8,207	124,353	615,246
Mail	969,409	77,314	1,046,723	29,279	4,202	33,481	1,080,204	6,976,351
Total unit toll transportation	19,290,363	1,136,390	20,426,753	405,173	56,354	461,527	20,888,280	101,143,135
Bulk transportation	324,748	407,233	731,981	2,129,075	889,354	3,018,429	3,750,410	11,814,860
Total transportation	19,615,111	1,543,623	21,158,734	2,534,248	945,708	3,479,956	24,638,690	112,957,995
Specialty flying services	5,457	41,665	47,122	529,029	156,808	685,837	734,959	2,230,297
Total flying services	19,620,568	1,585,288	21,205,856	3,063,277	1,104,516	4,167,793	25,373,649	115,188,292
Non-flying services	163,786	55,022	218,808	185,808	528,536	714,344	933,152	3,153,889
Total operating revenues	19,784,354	1,640,310	21,424,664	3,249,085	1,633,052	4,882,137	26,306,801	118,342,181
Operating expenses:								
Flying operations	4,974,191	552,808	5,526,999	1,127,624	432,302	1,559,926	7,086,925	35,148,371
Maintenance	3,748,289	331,227	4,079,516	679,433	229,776	909,209	4,988,725	28,075,902
General services and administration:								
Passenger service	1,653,160	38,622	1,691,782	..	..	..	..	..
Aircraft and traffic servicing	2,603,377	185,285	2,788,662	..	..	..	..	..
Promotion and sales	2,841,329	87,038	2,928,367	..	..	..	..	..
General administration	756,093	104,663	860,756	..	..	..	..	..
Totals	7,853,959	415,608	8,269,567	345,717	127,233	472,950	8,742,517	48,704,835
Depreciation and amortization	1,494,021	163,838	1,657,859	138,780	123,581	262,361	1,920,220	13,419,709
Total operating expenses	18,070,460	1,463,481	19,533,941	2,291,554	912,892	3,204,446	22,738,387	125,348,817
Operating income (loss)	1,713,894	176,829	1,890,723	957,531	720,160	1,677,691	3,568,414	Dr. 7,006,636
Non-operating income - net:								
Capital gains and losses	58,461	1,584	60,045	12,549	8,962	21,511	81,556	61,348
Interest and discounts	116,887	15,712	132,599	1,037	459	1,496	134,095	1,236,318
Miscellaneous non-operating income	16,290	8,962	25,252	Dr. 7,445	490	6,955	18,297	81,164
Income before interest expense	1,905,532	203,087	2,108,619	963,672	730,071	1,693,743	3,802,362	Dr. 5,627,806
Interest expense	869,686	36,205	905,891	38,101	10,332	48,433	954,324	5,679,650
Income before income taxes	1,035,846	166,882	1,202,728	925,571	719,739	1,645,310	2,848,038	Dr. 11,307,456
Provision for income taxes	-	-	-	96,695	25,748	122,443	122,443	292,369
Net income after income taxes	1,035,846	166,882	1,202,728	828,876	693,991	1,522,867	2,725,595	Dr. 11,599,825

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

June, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	3,142,112	104,004	275,980	240,003	169,955	14,245,906	18,177,960	85,644,072
Express	16,056	-	12,170	29,732	1,756	255,180	314,894	1,566,062
Freight	138,943	120,626	59,346	29,732	24,631	421,484	771,030	4,548,812
Excess baggage	23,242	1,512	11,033	5,698	2,630	72,031	116,146	585,820
Mail	146,498	19,583	39,106	1,620	17,005	822,911	1,046,723	6,412,304
Total unit toll transportation	3,466,851	245,725	397,635	277,053	215,977	15,823,512	20,426,753	98,757,070
Bulk transportation	285,367	730	305,284	716	100,503	39,381	731,981	2,604,268
Total transportation	3,752,218	246,455	702,919	277,769	316,480	15,862,893	21,158,734	101,361,338
Specialty flying services	-	-	41,665	-	-	5,257	47,122	94,236
Total flying services	3,752,218	246,455	744,584	277,769	316,480	15,868,350	21,205,856	101,455,574
Non-flying services	32,137	16,379	26,354	9,265	3,024	131,649	218,808	1,672,881
Total operating revenues	3,784,355	262,834	770,938	287,034	319,504	15,999,999	21,424,664	103,128,455
Operating expenses:								
Flying operations	1,415,984	79,220	274,959	91,694	106,935	3,558,207	5,526,999	28,869,226
Maintenance	809,505	56,992	122,838	77,797	73,600	2,938,784	4,079,516	24,042,277
General services and administrations:								
Passenger service	322,804	7,780	14,415	5,907	10,520	1,330,356	1,691,782	8,831,464
Aircraft and traffic servicing	490,875	38,323	112,545	24,846	9,571	2,112,502	2,788,662	16,860,333
Promotion and sales	630,331	6,111	15,055	41,396	24,476	2,210,998	2,928,367	15,527,652
General administration	178,230	21,099	45,016	19,780	18,768	577,863	860,756	4,984,016
Totals	1,622,240	73,313	187,031	91,929	63,335	6,231,719	8,269,567	46,253,465
Depreciation and amortization	244,846	31,560	56,799	60,868	14,611	1,249,175	1,657,859	11,653,489
Total operating expenses	4,092,575	241,085	641,627	322,288	258,481	13,977,885	19,533,941	110,788,457
Operating income (loss)	Dr. 308,220	21,749	129,311	Dr. 35,254	61,023	2,022,114	1,890,723	Dr. 7,660,002
Non-operating income - net:								
Capital gains and losses	58,461	74	-	60	1,598	-	60,045	Dr. 503
Interest and discounts	5,960	12,622	-	55	3,035	110,927	132,599	1,223,075
Miscellaneous non-operating income	13,443	1	8,930	-	31	2,847	25,252	119,230
Income before interest expense	Dr. 230,356	34,298	138,241	Dr. 35,139	65,687	2,135,888	2,108,619	Dr. 6,318,200
Interest expense	-	3,335	9,720	12,125	11,025	869,686	905,891	5,411,837
Income before income taxes	Dr. 230,356	30,963	128,521	Dr. 47,264	54,662	1,266,202	1,202,728	Dr. 11,730,037
Provision for income taxes	-	-	-	-	-	-	-	425
Net income after income taxes	Dr. 230,356	30,963	128,521	Dr. 47,264	54,662	1,266,202	1,202,728	Dr. 11,730,462

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

June, 1961

	Group I carriers			Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)		Total (1)
<u>Transportation services</u>									
Unit toll:									
Revenue departures	No.	1,953	12,770	14,723	796	1,268	975	814	3,853
Revenue hours flown	"	3,709	17,792	21,501	869	1,422	709	949	3,949
Revenue miles scheduled	"	1,054,465	4,540,082	5,594,547	28,868	97,934	84,110	35,388	246,300
Revenue miles flown:									
Scheduled services - Regular	"	1,039,891	4,437,325	5,477,216	25,589	95,574	79,466	35,170	235,799
Extra section	"	16,986	211,880	228,866	776	2,440	2,604	2,605	8,425
Non-scheduled services	"	65,962	57,962	120,598	120,598	110,752	45,180	92,900	369,430
Totals	"	1,122,839	4,649,205	5,772,044	146,963	208,766	127,250	130,675	613,654
Ratio of regular miles flown to miles scheduled		98.6	97.7	...	88.6	97.6	94.5	99.4	...
Revenue passengers carried	No.	35,346	332,017	367,363	5,034	11,093	11,765	4,756	32,648
Revenue goods carried:	lb.								
Express	"	69,893	810,974	880,867	-	27,706	183,026	12,076	222,758
Freight	"	328,085	2,774,865	3,102,950	1,522,502	403,278	-	140,409	2,066,189
Excess baggage	"	25,935	...	25,935	10,131	30,335	47,912	11,998	100,376
Mail	"	164,406	2,140,202	2,304,608	108,787	125,635	16,144	44,421	294,987
Totals	"	588,319	5,726,041	6,314,360	1,641,420	586,954	247,082	208,854	2,684,310
Revenue passenger-miles:									
Scheduled services	No.	53,217,732	234,448,854	287,666,586	316,300	1,324,476	1,971,056	505,269	4,117,101
Non-scheduled services	"	1,462,269	-	1,462,269	715,423	1,658,934	767,304	1,354,237	4,495,898
Totals	"	54,680,001	234,448,854	289,128,855	1,031,723	2,983,410	2,738,360	1,859,506	8,612,999
Available seat-miles on scheduled services	"	103,559,299	353,324,423	456,883,722	683,538	2,698,138	3,216,736	...	...
Passenger load factor on scheduled services		51.4	66.4	...	46.3	49.1	61.3	...	...
Revenue goods ton-miles:	No.								
Express - Scheduled services	"	17,751	286,485	304,236	-	189	19,425	828	20,442
Non-scheduled services	"	1,605	...	1,605	-	9,252	9,443	2,008	22,308
Totals	"	19,356	286,485	305,841	-	9,441	28,868	2,836	41,145
Freight - Scheduled services	"	348,791	1,638,728	1,987,519	2,348	6,911	-	817	10,076
Non-scheduled services	"	3,752	-	3,752	339,603	114,291	24,786	478,680	482,432
Totals	"	352,543	1,638,728	1,991,271	341,951	121,202	-	25,603	488,756
</									

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

June, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(l)	Quebecair Inc. (l)	Transair Ltd. (l)	Total (l)	
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services	25,772	73,893	99,665	195	1,741	4,733	821	7,490	107,155
Non-scheduled services	101	-	101	1,311	4,199	2,890	1,839	10,239	10,340
Totals	25,873	73,893	99,766	1,506	5,940	7,623	2,660	17,729	117,495
Mail - Scheduled services	119,709	924,929	1,044,638	3,239	993	328	1,509	6,069	1,050,707
Non-scheduled services	4,135	-	4,135	7,566	37,304	826	5,045	50,741	54,876
Totals	123,844	924,929	1,048,773	10,805	38,297	1,154	6,554	56,810	1,105,583
Total - Scheduled services	512,023	2,924,035	3,436,058	5,782	9,834	24,486	3,975	44,077	3,480,135
Non-scheduled services	9,593	-	9,593	348,480	165,046	13,159	33,678	560,363	569,936
Totals	521,616	2,924,035	3,445,651	354,262	174,880	37,645	37,653	604,440	4,050,091
Available ton-miles on scheduled services	13,551,282	48,536,942	62,088,224	69,781	256,041	344,578	91,011	761,411	62,849,635
Weight load factor on scheduled services (2)	43.0	54.3	...	53.6	55.6	64.3	59.6	...	...
Bulk:									
Revenue - Departures	34	33	67	4	2,366	6	775	3,151	3,218
Hours flown	373	62	435	4	2,474	3	640	3,121	3,556
Miles flown	108,393	15,410	123,803	664	283,860	496	77,892	362,912	486,715
Passengers carried	2,510	1,101	3,611	24	3,619	42	1,289	4,974	8,585
Freight carried	-	-	-	59	768,669	-	412,428	1,181,156	1,181,156
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	22	22	-	501	-	21	522	544
<u>Total - All services</u>									
Traffic: (3)									
Revenue:									
Departures	1,987	12,803	14,790	800	3,634	981	1,589	7,004	21,794
Hours flown	4,082	17,876	21,958	873	4,397	712	1,610	7,592	29,550
Miles flown	1,231,232	4,664,615	5,895,847	147,627	492,626	127,746	208,567	976,566	6,872,413
Passengers carried	37,856	333,118	370,974	5,058	14,712	11,807	6,045	37,622	408,596
Cargo carried	397,978	3,583,839	3,983,817	1,522,561	1,199,465	183,026	564,863	3,470,103	7,453,920
Goods carried	588,319	5,726,041	6,314,360	1,641,479	1,355,623	247,082	621,282	3,865,466	10,179,826

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
June, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic (3) - Concluded:									
Non-revenue:									
Hours flown	266	579	845	44	179	34	61	318	1,163
Passengers carried	988	..	..	152	172	143	143	610	..
Goods carried	110,240	..	..	43,656	32,450	-	8,034	84,140	..
Passenger-miles	1,809,698	9,792,491	11,602,189	37,907	68,280	38,161	73,330	217,678	11,819,867
Goods ton-miles	167,560	356,277	523,837	8,258	9,709	-	2,294	20,261	544,098
Fuel consumed:									
Turbo fuel - Quantity	2,554,972	10,924,605	13,479,577	54,022	-	141,241	-	195,263	13,674,840
Cost	406,304	1,472,779	1,879,083	12,668	-	29,001	-	41,669	1,920,752
Gasoline - Quantity	508,518	636,693	1,145,211	88,816	277,164	11,489	132,315	509,784	1,654,995
Cost	155,592	174,607	330,199	29,166	123,797	6,133	54,855	213,951	544,150
Oil consumed:									
Turbo aircraft - Quantity	412	1,794	2,206	-	-	105	-	105	2,311
Cost	5,114	15,574	20,688	-	-	879	-	879	21,567
Other aircraft - Quantity	3,850	10,670	14,520	744	3,418	287	1,362	5,811	20,331
Cost	2,142	8,811	10,953	764	4,273	501	1,362	6,900	17,853
Average number of employees:									
Flying personnel	447	1,566	2,013	32	101	34	65	232	2,265
Other personnel	2,343	10,589	12,932	169	358	234	204	965	13,897
Totals	2,790	12,155	14,945	201	459	268	269	1,197	16,142
Salaries and wages paid:									
Flying personnel	333,246	1,098,042	1,431,288	22,022	88,098	20,300	33,661	164,081	1,595,369
Other personnel	928,917	4,719,976	5,648,893	60,600	168,111	83,742	75,359	387,812	6,036,705
Totals	1,262,163	5,818,018	7,080,181	82,622	256,209	104,042	109,020	551,893	7,632,074

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Airlines.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company
June, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	27,987	4,541	10,944	11,765	4,152	276,592	335,981
Foreign interline	4,051	493	-	-	-	55,425	62,669
Totals (2)	2,700	-	-	-	-	-	398,650
Revenue express carried:	34,738	5,034	10,944	11,765	4,152	332,017	
Originated	69,893	-	27,706	183,026	12,026	810,974	1,103,625
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	69,893	-	27,706	183,026	12,026	810,974	1,103,625
Revenue freight carried:							
Originated	257,408	1,015,069	392,319	-	58,643	2,774,865	4,498,304
Domestic interline	19,319	-	-	-	-	-	19,319
Foreign interline	30,456	-	-	-	-	-	30,456
Totals (2)	307,183	1,015,069	392,319	-	58,643	2,774,865	4,548,079
Revenue excess baggage carried:							
Originated	21,629	10,131	30,020	47,912	10,648	-	120,340
Domestic interline	986	-	-	-	-	-	986
Foreign interline	3,026	-	-	-	-	-	3,026
Totals (2)	25,641	10,131	30,020	47,912	10,648	-	124,352 (3)
Revenue mail carried:							
Originated	164,406	108,787	123,971	16,144	14,476	2,140,202	2,567,986
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	164,406	108,787	123,971	16,144	14,476	2,140,202	2,567,986

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Airlines.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service
June, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	2,264	576	269	89	3,198	11,525	14,723
Revenue hours flown	3,440	2,386	995	567	7,388	14,113	21,501
Revenue miles scheduled	734,790	1,059,258	282,611	182,589	2,259,248	3,335,299	5,594,567
Revenue miles flown:							
Scheduled services - Regular	717,197	1,041,822	282,611	177,851	2,219,481	3,257,735	5,477,216
Extra sections	21,974	11,562	-	4,738	38,274	190,592	228,866
Non-scheduled services	-	-	-	-	-	65,962	65,962
Totals	739,171	1,053,384	282,611	182,589	2,257,755	3,514,289	5,772,044
Ratio of regular miles flown to miles scheduled	97.6	98.4	100.0	97.4	98.2	97.7	97.9
Revenue passenger-miles	28,718,146	62,958,486	12,184,509	8,217,536	112,078,677	177,050,178	289,128,855
Available seat-miles on scheduled services	39,883,345	128,667,195	24,118,755	16,221,392	208,890,687	247,993,035	456,883,722
Passenger load factor on scheduled services	72.0	48.9	50.5	50.7	53.7	70.8	63.0
Revenue goods ton-miles:							
Express	47,582	-	-	-	47,582	258,259	305,841
Freight	162,399	448,236	69,787	135,776	796,198	1,195,073	1,991,271
Excess baggage	8,713	27,220	14,136	3,386	53,455	46,311	99,766
Mail	33,858	131,675	27,707	60,742	253,982	794,791	1,048,773
Totals	232,552	607,131	111,630	199,904	1,151,217	2,294,434	3,445,651
Available ton-miles on scheduled services	4,738,486	18,180,328	3,027,257	2,083,084	28,029,155	34,059,069	62,088,224
Weight load factor on scheduled services (1)	65.5	38.0	43.9	49.0	44.1	58.3	51.9

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

June, 1961

	Month		Year to date	
	Revenue hours	Revenue earned \$	Revenue hours	Revenue earned \$
Flying training	No.	No.	No.	\$
Recreational flying	3,265	49,119	16,056	253,858
Aerial photography and survey	861	18,568	3,962	72,465
Aerial photography and survey (excl. survey)	870	142,502	2,836	691,552
Aerial photography (excl. survey)	121	6,495	287	15,397
Aerial pest control	2,261	233,404	2,591	254,909
Aerial advertising	3	223	13	963
Aerial patrol and inspection	1,798	145,254	5,143	435,307
Philanthropic	-	-	-	-
Aerial fish cultivation	5	455	5	455
Geophysical survey	813	115,401	2,731	357,163
Non-transportation charter	57	15,720	118	56,144
Other specialty flying	55	6,999	308	42,947
Total specialty flying	10,109	734,140	34,050	2,181,160

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV

June, 1961

	Month	Year to date
Revenue hours flown	9,296	17,333
Average number of aircraft	110	102
Average number of employees:		
Flying personnel	159	213
Other personnel	258	151
Totals	417	364
Salaries and wages paid:		
Flying personnel	118,057	691,789
Other personnel	141,707	574,163
Totals	259,764	1,265,952
Operating revenues:		
Bulk transportation	1,003,051	2,130,379
Other flying services	25,796	65,453
Non-flying services	161,407	147,093
Totals	1,190,254	2,342,925
Operating expenses:		
Flying operations	358,600	1,134,800
Maintenance	164,616	601,774
General services and administration ..	75,887	383,662
Depreciation and amortization	106,136	514,631
Totals	705,239	2,634,867
Operating income (loss)	485,015	Dr. 291,942
Net income (deficit) after income taxes \$	487,143	Dr. 309,320

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
June, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	26,883	27,841	54,724	8,321	7,479	15,800
Bulk transportation	"	-	80	80	1,268	841	2,109
Totals	"	26,883	27,921	54,804	9,589	8,320	17,909
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	111,869	706,050	817,919	159,632	527,281	686,913
Bulk transportation	"	-	-	-	-	-	-
Totals	"	111,869	706,050	817,919	159,632	527,281	686,913
Mail carried (Unit toll transportation) ..	"	41,913	90,867	132,780	23,710	87,777	111,487
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	454	514	968	35,658	35,834	71,492
Bulk transportation	"	-	-	-	1,268	921	2,189
Totals	"	454	514	968	36,926	36,755	73,681
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	19,791	1,882	21,673	291,292	1,235,213	1,526,505
Bulk transportation	"	-	-	-	-	-	-
Totals	"	19,791	1,882	21,673	291,292	1,235,213	1,526,505
Mail carried (Unit toll transportation) ..	"	611	442	1,053	66,234	179,086	245,320

TABLE 10. Operating Statistics, Canadian Group V Carriers
Second Quarter, 1961

	Quarter	Year to date
Number of reporting carriers	153	...
Bulk transportation:		
Revenue hours flown	No. 15,295	23,603
Revenue passengers carried	" 33,234	47,359
Revenue goods carried	1b. 1,850,120	2,909,295
Specialty flying services:		
Revenue hours flown:		
Flying training	No. 12,852	24,935
Recreational flying	" 3,557	5,751
Aerial photography and survey	" 651	726
Aerial photography (excl. survey)	" 61	62
Aerial pest control	" 1,125	1,148
Aerial advertising	" 6	8
Aerial patrol and inspection	" 1,548	2,346
Philanthropic	" -	-
Aerial fish cultivation	" -	-
Geophysical survey	" 158	205
Non-transportation charter	" 75	75
Other specialty flying	" 2,390	3,758
Total specialty flying services	" 22,423	39,014
Total - All services:		
Revenue hours flown	" 37,718	62,617
Non-revenue hours flown	" 2,594	4,031

TABLE 11. Revenues and Expenses, Canadian Group V Carriers
Second Quarter, 1961

	Quarter	Year to date
	dollars	
Operating revenues:		
Bulk transportation	708,258	1,106,326
Specialty flying services	555,976	910,694
Total flying services	1,264,234	2,017,020
Non-flying services	165,728	611,264
Total operating revenues	1,429,962	2,628,284
Operating expenses:		
Flying operations	755,977	1,281,139
Maintenance	236,282	463,694
General services and administration	259,666	729,265
Depreciation	196,433	339,364
Total operating expenses	1,448,358	2,813,462
Operating income (loss)	Dr. 18,396	Dr. 185,178
Non-operating income - net	Dr. 12,564	Dr. 3,372
Income before income taxes	Dr. 30,960	Dr. 188,550
Provision for income taxes	12,138	19,750
Net income after income taxes	Dr. 43,098	Dr. 208,300

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Limited.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

CATALOGUE No.

51-001

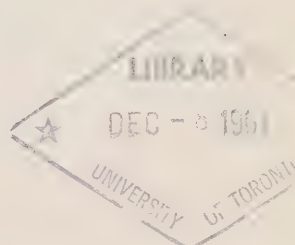
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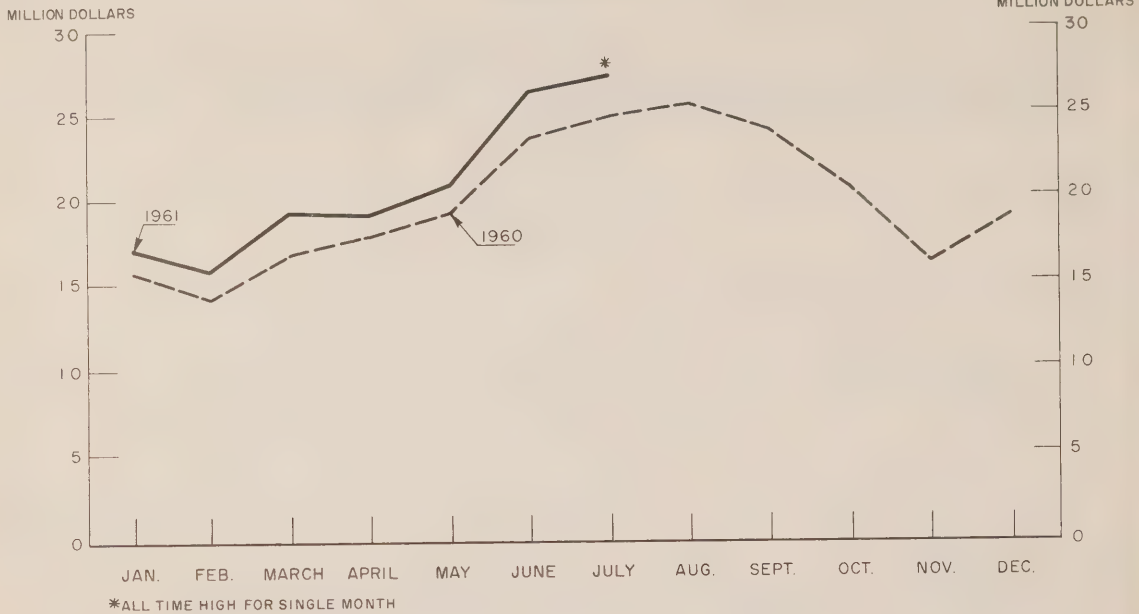
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

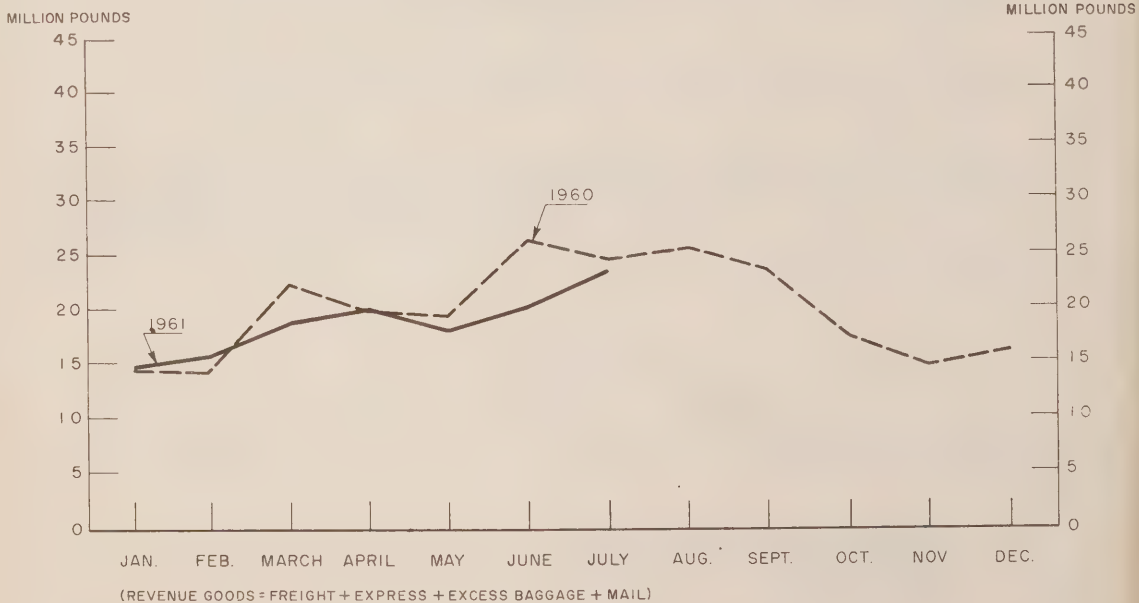
OPERATING REVENUE OF CANADIAN CARRIERS

1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1960-1961



INTRODUCTION

During July, 1961, the number of revenue passengers and the volume of revenue goods transported by Canadian air carriers were below the corresponding totals reported for July, 1960. Passengers carried declined 2.2 per cent to 477,901 from 488,897 and goods flown decreased 2.8 per cent to 23,354,147 lbs. from 24,031,317 lbs. Revenue miles flown dropped 5.3 per cent to 10,256,118 from 10,830,918. Operating revenues increased 8.9 per cent to \$27,155,067 from \$24,942,216, as compared with an increase of 9 per cent in operating expenses which rose to \$23,693,048 from \$21,733,459. Consequently, the operating income rose to \$3,462,019 from \$3,208,757, although the net income, after provision for income taxes and other charges, declined to \$2,602,066 from the \$2,750,675 reported in July, 1960.

In the seven month period, January to July, Canadian air carriers transported 2.7 per cent more revenue passengers in contrast to 5.9 per cent less revenue goods than in the corresponding period of 1960. The number of passengers carried rose to 2,760,783 from 2,689,225, but the volume of goods flown dropped to 129,996,742 lbs. from 138,105,101 lbs. During the same period, both operating revenues and expenses were higher. Revenues rose 10.2 per cent to \$145,532,760 in 1961 from \$132,054,352 in 1960 and expenses increased 9.4 per cent to \$149,053,458 from \$136,307,763.

A total of 417,071 or 87.3 per cent of all revenue passengers and 9,486,672 lbs. or 40.6 per cent of all revenue goods were transported in unit toll service in July of this year. In the same month of 1960, 387,912 revenue passengers or 79.3 per cent of the total and 9,353,387 lbs. of revenue goods or 38.2 per cent of the total were carried in this type of service. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

In July, the six scheduled carriers transported 413,116 revenue passengers or 86.4 per cent of the total against 386,848 or 79.1 per cent in the previous July. The revenue goods carried amounted to 11,014,666 lbs. or 47.2 per cent of the total while the July, 1960, figure was 10,609,859 lbs. or 43.4 per cent. The scheduled carriers also accounted for 84 per cent of the total operating revenues and 86.6 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for July of the previous year were 81.7 per cent and 85.6 per cent, respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In July, 1961, they flew a total of 10,582 revenue hours, an increase of 7 per cent over the 9,890 hours flown in July, 1960. Their operating revenues rose 14.3 per cent to \$1,185,672 from \$1,037,494, while operating expenses increased 26.1 per cent to \$636,969 from \$505,238. The resulting operating income increased to \$548,703 from \$532,256 in July, 1960.

Foreign carriers licensed to operate in Canada reported substantial increases in both the number of passengers flown and the volume of revenue goods transported. The passengers rose 19.7 per cent to 86,141 from 71,987 and revenue goods 32.4 per cent to 1,632,352 lbs. from 1,233,131 lbs. in July, 1960. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

July, 1961

	Canadian carriers					Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II (1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers (3)		
		Group III (1)	Group IV	Total					
Number of carriers reporting ..	6	21	48	69	75	9	8	92	...
<u>Transportation services:</u>									
Unit toll:									
Revenue departures	19,467	2,705	677	3,382	22,849	..	..	..	..
Revenue hours flown	26,628	3,240	423	3,663	30,291	647	1,172	32,110	202,266
Revenue miles scheduled ...	6,098,687	...	...	...	6,098,687	157,470	439,518	6,695,675	41,584,993
Revenue miles flown:									
Scheduled services	6,267,939 (4)	...	...	...	6,267,939 (4)	156,820	447,374	6,872,133 (4)	41,799,977 (4)
Non-scheduled services ..	449,778 (4)	419,177	58,464	477,641	927,419 (4)	-	-	927,419 (4)	5,476,253 (4)
Totals	6,717,717	419,177	58,464	477,641	7,195,358	156,820	447,374	7,799,552	47,276,230
Revenue passengers carried	402,625	9,905	4,541	14,446	417,071	59,238	11,781	498,090	2,960,430
Revenue goods carried:									
Cargo	6,013,828	817,605	35,734	853,339	6,867,167	665,483	718,563	8,386,522 (5)	54,415,687 (5)
Excess baggage	106,111 (5)	16,666	12,532	29,198	135,309 (5)	140,839	107,467	2,732,502	22,485,125
Mail	2,423,811	45,902	12,483	58,385	2,484,196	806,322	826,030	11,119,024	76,900,812
Totals	8,545,750	880,173	60,749	940,922	9,486,672	3,430,336	20,886,923	357,644,917	1,890,418,822
Revenue passenger-miles ...	330,213,394	2,754,748	359,516	3,114,264	333,327,658	3,430,336	20,886,923	357,644,917	1,890,418,822
Revenue goods ton-miles:									
Cargo	2,974,388	198,700	26,229	224,929	3,199,317	21,009	280,858	3,640,012	22,861,977
Excess baggage	131,413	6,850	565	7,415	138,828	2,678	50,062	1,145,417	8,326,813
Mail	1,077,754	14,122	801	14,923	1,092,677	23,687	330,920	4,785,429	31,188,790
Totals	4,183,555	219,672	27,595	247,267	4,430,822	23,687	330,920	4,785,429	31,188,790
Bulk:									
Revenue - Departure	4,316	14,761	16,834	31,595	35,911	..	..	..	129,931
Hours flown	4,450	19,206	13,117	32,323	36,773	36	269	3,137,774	12,523,990
Miles flown	604,857	1,308,594	1,147,309	2,455,903	3,060,760	80	76,978	65,952	234,409
Passengers carried	10,491	27,299	23,040	50,339	60,830	80	5,042	13,867,475	65,672,002
Freight carried	2,468,916	8,851,225	2,547,334	11,398,559	13,867,475	-	-	13,867,475	65,672,002
Revenue passenger-miles ...	330,213,394	2,754,748	359,516	3,114,264	333,327,658	3,430,336	20,886,923	357,644,917	1,890,418,822
Revenue goods ton-miles:									
Cargo	2,974,388	198,700	26,229	224,929	3,199,317	21,009	280,858	3,640,012	22,861,977
Excess baggage	131,413	6,850	565	7,415	138,828	2,678	50,062	1,145,417	8,326,813
Mail	1,077,754	14,122	801	14,923	1,092,677	23,687	330,920	4,785,429	31,188,790
Totals	4,183,555	219,672	27,595	247,267	4,430,822	23,687	330,920	4,785,429	31,188,790
Bulk:									
Revenue - Departure	4,316	14,761	16,834	31,595	35,911	..	..	..	129,931
Hours flown	4,450	19,206	13,117	32,323	36,773	36	269	3,137,774	12,523,990
Miles flown	604,857	1,308,594	1,147,309	2,455,903	3,060,760	80	76,978	65,952	234,409
Passengers carried	10,491	27,299	23,040	50,339	60,830	80	5,042	13,867,475	65,672,002
Freight carried	2,468,916	8,851,225	2,547,334	11,398,559	13,867,475	-	-	13,867,475	65,672,002
<u>Non-transportation services:</u>									
Specialty flying:									
Revenue hours flown	862	2,667	4,916	7,583	8,445	-	-	8,445	42,499

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

July, 1961

	Canadian carriers						Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers			Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers(3)
	Groups I and II(1)	Group III(1)		Group IV	Total						
Total - All services:											
Traffic: (6)											
Revenue:											
Departures	No.	23,783	17,466	17,511	34,977	58,760					
Hours flown	"	31,940	25,113	18,456	43,569	75,509					
Miles flown	"	7,322,574	1,727,771	1,205,773	2,933,544	10,256,118					
Passengers carried	"	413,116	37,204	27,581	64,785	477,901					
Cargo carried	lb.	8,482,744	9,668,830	2,583,068	12,251,898	20,734,642					
Goods carried	"	11,014,666	9,731,398	2,608,083	12,339,481	23,354,147					
Non-revenue:											
Hours flown	No.	1,074	989	452	1,441	2,515					
Passengers carried	"		296	86	382						
Goods carried	lb.		59,850	250	60,100						
Passenger-miles	No.	13,917,419	162,031	4,002	166,033	14,083,452					
Goods ton-miles	"	496,306	33,787	-	33,787	530,093					
Fuel consumed:											
Turbo fuel - Quantity	gal.	14,238,044	-	-	-	14,238,044					
Cost	\$	2,026,688	-	-	-	2,026,688					
Gasoline - Quantity	gal.	1,885,632	1,023,399	240,886	1,264,285	3,149,917					
Cost	\$	617,415	439,458	106,167	545,625	1,163,040					
Oil consumed:											
Turbo aircraft - Quantity	gal.	4,080	-	-	-	4,080					
Cost	\$	42,021	-	-	-	42,021					
Other aircraft - Quantity	gal.	27,586	16,560	4,357	20,917	48,503					
Cost	\$	27,402	28,909	5,469	34,378	61,780					
Average number of employees:											
Flying personnel	No.	2,260	453	247	700	2,960					
Other personnel	"	13,973	925	488	1,413	15,386					
Totals	"	16,233	1,378	735	2,113	18,346					
Salaries and wages paid:											
Flying personnel	\$	1,658,010	333,400	157,326	490,726	2,148,736					
Other personnel	\$	6,202,395	398,970	189,152	588,122	6,790,517					
Totals	\$	7,860,405	732,370	346,478	1,078,848	8,939,253					
Nordair Ltd. included with Genair Ltd.											

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I excess baggage.

(6) Except for hours flown these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

July, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
passengers	18,282,179	896,665	19,178,844	321,168	60,425	381,593	19,560,437	106,501,022
Express	230,461	47,287	277,748	8,684	972	9,656	287,404	1,918,883
Freight	644,835	233,022	877,857	121,817	2,165	123,982	1,001,839	5,997,037
Excess baggage	89,171	22,680	111,851	7,802	8,620	16,422	120,471	736,181
Mail	950,045	76,021	1,026,066	20,557	3,776	24,333	1,050,399	8,027,306
Total unit toll transportation	20,196,691	1,275,675	21,472,366	480,028	68,156	548,184	22,020,550	123,180,429
Bulk transportation	397,676	512,307	909,983	2,037,918	954,042	2,991,960	3,901,943	15,729,734
Total transportation	20,594,367	1,787,982	22,382,349	2,517,946	1,022,198	3,540,144	25,922,493	138,910,163
Specialty flying services	1,899	107,153	109,052	410,982	113,714	524,696	633,748	2,866,080
Total flying services	20,596,266	1,895,135	22,491,401	2,928,928	1,135,912	4,064,840	26,556,241	141,776,243
Non-flying services	251,999	72,416	324,415	66,973	207,438	274,411	598,826	3,756,517
Total operating revenues	20,848,265	1,967,551	22,815,816	2,995,901	1,343,350	4,339,251	27,155,067	145,532,760
Operating expenses:								
Flying operations	5,024,782	660,682	5,685,464	1,056,982	441,041	1,498,023	7,183,487	42,334,600
Maintenance	3,800,254	380,507	4,180,761	717,445	171,912	889,357	5,070,118	33,148,495
General services and administration:								
Passenger service	1,567,815	38,590	1,606,405	..	..	..	..	..
Aircraft and traffic servicing	2,775,744	192,182	2,967,926	..	..	..	..	..
Promotion and sales	2,962,260	92,591	3,054,851	..	..	..	..	..
General administration	724,728	89,741	814,469	..	..	..	..	..
Totals	8,030,547	413,104	8,443,651	347,258	112,034	459,292	8,902,943	57,610,488
Depreciation and amortization	2,041,090	176,062	2,217,152	217,233	102,115	319,348	2,536,500	15,959,875
Total operating expenses	18,896,673	1,630,355	20,527,028	2,338,918	827,102	3,166,020	23,693,048	149,052,458
Operating income (loss)	1,951,592	337,196	2,288,788	656,983	516,248	1,173,231	3,462,019	Dr. 3,520,698
Non-operating income - net:								
Capital gains and losses	15,340	5,147	10,193	29,968	..	29,968	40,161	101,509
Interest and discounts	101,240	119	101,359	Dr. 385	2,475	2,090	103,449	1,339,767
Miscellaneous non-operating income	Dr. 7,069	7,731	14,800	Dr. 4,009	34	Dr. 4,043	18,843	62,321
Income before interest expense	2,061,103	324,437	2,385,540	682,557	518,689	1,201,246	3,586,786	Dr. 2,017,101
Interest expense	872,472	44,259	916,731	44,673	13,151	57,824	974,555	6,654,205
Income before income taxes	1,188,631	280,178	1,468,809	637,884	505,538	1,143,422	2,612,231	Dr. 8,671,306
Provision for income taxes .....	..	..	..	Cr. 6,379	16,544	10,165	10,165	302,534
Net income after income taxes	1,188,631	280,178	1,468,809	644,263	488,994	1,133,257	2,602,066	Dr. 8,973,840

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

July, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	3,507,050	140,143	315,557	254,249	186,716	14,775,129	19,178,844	104,822,916
Express	16,538	-	13,712	31,413	2,162	213,923	277,748	1,843,810
Freight	198,976	142,219	61,390	-	29,413	445,859	877,857	5,426,669
Excess baggage	24,913	1,907	11,458	6,325	2,990	64,258	111,851	697,671
Mail	159,712	20,218	38,828	1,518	15,457	790,333	1,026,066	7,438,370
Total unit toll transportation	3,907,189	304,487	440,945	293,505	236,738	16,289,502	21,472,366	120,229,436
Bulk transportation	288,712	12,778	277,152	3,775	218,602	108,964	909,983	3,514,251
Total transportation	4,195,901	317,265	718,097	297,280	455,340	16,398,466	22,382,349	123,743,687
Specialty flying services	-	317,265	69,736	-	37,417	1,899	109,052	203,288
Total flying services	4,195,901	317,265	787,833	297,280	492,757	16,400,365	22,491,401	123,946,975
Non-flying services	37,691	5,823	35,095	8,742	22,756	214,308	324,415	1,997,296
Total operating revenues	4,233,592	323,088	822,928	306,022	515,513	16,614,673	22,815,816	125,944,271
Operating expenses:								
Flying operations	1,469,553	83,793	270,315	98,358	208,216	3,555,229	5,685,464	34,554,690
Maintenance	757,424	51,806	108,806	87,718	132,177	3,042,830	4,180,761	28,223,038
General services and administrations:								
Passenger service	316,252	9,688	14,086	3,358	11,458	1,251,563	1,606,405	10,457,869
Aircraft and traffic servicing	505,653	34,331	119,910	23,663	14,278	2,270,091	2,967,926	19,828,259
Promotion and sales	650,165	6,193	16,415	42,701	27,282	2,312,095	3,054,851	18,582,503
General administration	173,566	15,551	31,999	21,544	20,647	551,162	814,469	5,798,485
Totals	1,645,636	65,763	182,410	91,266	73,665	6,384,911	8,443,651	54,667,116
Depreciation and amortization	247,921	28,337	54,375	60,597	32,753	1,793,169	2,217,152	13,870,641
Total operating expenses	4,120,534	229,699	615,906	337,939	446,811	14,776,139	20,527,028	131,315,485
Operating income (loss)	113,058	93,389	207,022	Dr.	68,702	1,838,534	2,288,788	Dr. 5,371,214
Non-operating income - net:								
Capital gains and losses	15,340	Dr.	-	Dr.	-	-	10,193	9,690
Interest and discounts	4,584	18	-	-	101	96,656	101,359	1,324,434
Miscellaneous non-operating income	8,345	11	Dr.	85	26	1,276	Dr.	104,430
Income before interest expense	124,637	88,274	199,339	32,005	68,829	1,936,466	2,385,540	Dr. 3,932,660
Interest expense	-	1,767	8,153	11,604	22,735	872,472	916,731	6,328,568
Income before income taxes	124,637	86,507	191,186	Dr.	46,094	1,063,994	1,468,809	Dr. 10,261,228
Provision for income taxes	-	-	-	-	-	-	-	425
Net income after income taxes	124,637	86,507	191,186	Dr.	46,094	1,063,994	1,468,809	Dr. 10,261,653

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

July, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services</u>									
Unit toll:									
Revenue departures	No.	1,975	13,443	15,418	928	1,310	988	823	19,467
Revenue hours flown	"	3,892	18,570	22,462	954	1,486	738	988	26,628
Revenue miles scheduled	"	1,124,392	4,726,952	5,851,344	28,844	98,601	84,110	35,788	6,098,687
Revenue miles flown:									
Scheduled services - Regular	"	1,105,592	4,662,109	5,767,701	25,955	97,327	79,470	35,788	6,006,241
Extra section	"	9,954	227,488	237,442	8,106	7,894	2,734	5,522	261,698
Non-scheduled services	"	68,840	-	68,840	127,080	110,782	48,229	94,847	449,778
Totals	"	1,184,386	4,889,597	6,073,983	161,141	216,003	130,433	136,157	6,717,717
Ratio of regular miles flown to miles scheduled		98.3	98.6	...	90.0	98.7	94.5	100.0	...
Revenue passengers carried	No.	38,675	332,796	371,471	6,933	13,306	5,755	5,160	402,625
Revenue goods carried:	lb.								
Express	"	73,490	744,221	817,711	-	26,284	159,141	11,505	1,014,641
Freight	"	405,972	2,653,838	3,059,810	1,400,466	384,282	48,709	154,629	4,999,187
Excess baggage .....	"	...	...	...	13,137	31,246	15,172	13,019	106,111
Mail	"	161,506	1,972,362	2,133,868	109,933	122,253	44,585	291,943	2,425,811
Totals	"	640,968	5,370,421	6,011,389	1,523,536	564,065	223,022	223,738	8,545,750
Revenue passenger-miles:	No.								
Scheduled services	"	60,031,540	258,168,313	318,199,853	466,835	1,511,549	2,026,602	565,813	322,770,652
Non-scheduled services	"	1,701,869	-	1,701,869	1,100,138	2,318,670	827,807	1,494,258	7,442,742
Totals	"	61,733,409	258,168,313	319,901,722	1,566,973	3,830,219	2,854,409	2,060,071	330,213,394
Available seat-miles on scheduled services	"	110,407,826	384,549,002	494,956,828	885,586	2,867,748	3,210,696	...	...
Passenger load factor on scheduled services		54.4	67.1	...	52.7	52.7	63.1	...	...
Revenue goods ton-miles:	No.								
Express - Scheduled services	"	18,946	240,593	259,539	-	270	19,884	806	280,499
Non-scheduled services	"	1,350	-	1,350	-	8,517	10,147	2,185	22,199
Totals	"	20,296	240,593	260,889	-	8,787	30,031	2,991	302,698
Freight - Scheduled services	"	535,807	1,676,710	2,212,517	2,361	5,867	9,228	1,000	2,221,745
Non-scheduled services	"	2,104	-	2,104	317,142	104,588	26,111	447,841	449,945
Totals	"	537,911	1,676,710	2,214,621	319,503	110,455	27,111	457,069	2,671,690

See footnotes at end of table.

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	29,617	83,261	112,878	273	1,554	4,713	1,063	7,603	120,481
Non-scheduled services	188	-	188	1,854	3,832	3,066	1,992	10,744	10,932
Totals	29,805	83,261	113,066	2,127	5,386	7,779	3,055	18,347	131,413
Mail - Scheduled services	146,368	870,669	1,017,037	3,779	860	244	1,546	6,429	1,023,466
Non-scheduled services	3,656	-	3,656	8,196	36,997	751	4,688	50,632	54,288
Totals	150,024	870,669	1,020,693	11,975	37,857	995	6,234	57,061	1,077,754
Total - Scheduled services	730,738	2,871,233	3,601,971	6,413	8,551	24,841	4,415	44,220	3,646,191
Non-scheduled services	7,298	-	7,298	327,192	153,934	13,964	34,976	530,066	537,364
Totals	738,036	2,871,233	3,609,269	333,605	162,485	38,805	39,391	574,286	4,183,555
Available ton-miles on scheduled services									
Weight load factor on scheduled services(3)	46.7	56.0	...	59.3	58.1	66.1	60.9	...	...
<u>Bulk:</u>									
Revenue - Departures No.	48	54	102	56	3,315	16	827	4,214	4,316
Hours flown	404	125	529	71	2,825	23	1,002	3,921	4,450
Miles flown	110,007	32,803	142,810	11,375	299,795	3,280	147,597	462,047	604,857
Passengers carried	1,752	2,585	4,337	842	3,994	18	1,300	6,154	10,491
Freight carried lb.	-	-	-	12,573	1,540,388	4,612	911,343	2,468,916	2,468,916
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown No.	-	9	9	-	717	-	136	853	862
<u>Total - All services</u>									
Traffic: (4)									
Revenue:									
Departures No.	2,023	13,497	15,520	984	4,625	1,004	1,650	8,263	23,783
Hours flown	4,296	18,704	23,000	1,025	5,028	761	2,126	8,940	31,940
Miles flown	1,294,393	4,922,400	6,216,793	172,516	515,798	133,713	283,754	1,105,781	7,322,574
Passengers carried	40,427	335,381	375,808	7,775	17,300	5,773	6,460	37,308	413,116
Cargo carried lb.	479,462	3,398,059	3,877,521	1,413,039	1,950,954	163,753	1,077,477	4,605,223	8,482,744
Goods carried	640,968	5,370,421	6,011,389	1,536,109	2,104,453	727,634	1,135,081	5,003,277	11,014,666

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
July, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic(4) - Concluded:									
Non-revenue:									
Hours flown	231	435	666	21	146	79	162	408	1,074
Passengers carried	1,152	..	..	211	321	204	155	891	..
Goods carried	89,050	..	..	45,879	30,212	-	9,209	85,300	..
Passenger-miles	1,495,598	12,100,758	13,596,356	60,224	108,620	58,233	93,986	321,063	13,917,419
Goods ton-miles	139,224	336,328	475,552	8,275	9,387	-	3,092	20,754	496,306
Fuel consumed:									
Turbo fuel - Quantity	2,624,564	11,434,899	14,059,463	71,119	-	107,462	-	178,581	14,238,044
Cost	424,894	1,552,292	1,977,186	17,132	-	32,370	-	49,502	2,026,688
Gasoline - Quantity	545,777	767,629	1,313,406	91,328	249,789	25,131	205,978	572,226	1,885,632
Cost	168,465	215,765	384,230	29,201	114,212	7,217	82,555	233,185	617,415
Oil consumed:									
Turbo aircraft - Quantity	570	3,312	3,882	12	-	186	-	198	4,080
Cost	6,095	34,488	40,583	149	-	1,289	-	1,438	42,021
Other aircraft - Quantity	6,814	11,631	18,445	1,459	3,305	147	4,230	9,141	27,586
Cost	6,145	11,019	17,164	1,387	4,131	490	4,230	10,238	27,402
Average number of employees:									
Flying personnel	444	1,559	2,003	34	104	42	77	257	2,260
Other personnel	2,350	10,631	12,981	173	351	235	233	992	13,973
Totals	2,794	12,190	14,984	207	455	277	310	1,249	16,233
Salaries and wages paid:									
Flying personnel	375,023	1,107,438	1,482,461	23,224	88,018	20,786	43,521	175,549	1,658,010
Other personnel	964,192	4,844,593	5,808,785	62,629	152,088	90,018	88,875	393,610	6,202,395
Totals	1,339,215	5,952,031	7,291,246	85,853	240,106	110,804	132,396	569,159	7,860,405

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.
(2) Excludes Group I Carriers.
(3) Standard passenger weight used: 200 pounds.
(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

July, 1961

- 13 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	31,381	6,337	12,997	5,755	4,464	277,865	338,799
Domestic interline	3,742	596	-	-	-	54,931	62,268
Foreign interline	2,999	-	-	-	-	-	-
Totals (2)	38,122	6,933	12,997	5,755	4,464	332,796	401,067
Revenue express carried:							
Originated	73,490	-	26,284	159,141	11,505	744,221	1,014,641
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	73,490	-	26,284	159,141	11,505	744,221	1,014,641
Revenue freight carried (3)							
Originated	287,469	874,212	370,022	-	57,366	2,653,838	4,242,907
Domestic interline	17,024	-	-	-	-	-	17,024
Foreign interline	70,016	-	-	-	-	-	70,016
Totals (2)	374,509	874,212	370,022	-	57,366	2,653,838	4,329,947
Revenue excess baggage carried:							
Originated	-	13,137	30,865	48,709	11,850	-	104,561
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	-	13,137	30,865	48,709	11,850	-	104,561(3)
Revenue mail carried:							
Originated	161,506	109,933	119,818	15,172	13,433	1,972,362	2,392,224
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	161,506	109,933	119,818	15,172	13,433	1,972,362	2,392,224

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2)

Excludes division interline.

(3) Excludes Group I Carriers

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

July, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	2,377	642	267	87	3,373	12,045	15,418
Revenue hours flown "	3,572	2,599	1,033	570	7,774	14,688	22,462
Revenue miles scheduled "	757,180	1,135,526	289,864	194,378	2,376,948	3,474,396	5,851,344
Revenue miles flown:							
Scheduled services - Regular "	749,401	1,127,822	289,864	182,955	2,350,042	3,417,659	5,767,701
Extra sections "	24,854	8,402	2,238	-	35,494	201,948	237,442
Non-scheduled services "	-	-	-	-	-	68,840	68,840
Totals "	774,255	1,136,224	292,102	182,955	2,385,536	3,688,447	6,073,983
Ratio of regular miles flown to miles scheduled	99.0	99.3	100.0	94.1	98.9	98.4	98.6
Revenue passenger-miles No.	28,855,097	76,103,102	15,242,151	7,747,348	127,947,698	191,954,024	319,901,722
Available seat-miles on scheduled services "	43,605,492	138,811,005	25,493,896	14,635,842	222,546,235	272,410,593	494,956,828
Passenger load factor on scheduled services	66.2	54.8	59.8	52.9	57.5	69.8	64.3
Revenue goods ton-miles:							
Express No.	40,650	-	-	-	40,650	220,239	260,889
Freight "	125,423	625,619	97,418	254,423	1,102,883	1,111,738	2,214,621
Excess baggage "	7,008	37,186	15,093	3,973	63,260	49,806	113,066
Mail "	30,666	150,125	36,940	77,969	295,700	724,993	1,020,693
Totals "	203,747	812,930	149,451	336,365	1,502,493	2,106,776	3,609,269
Available ton-miles on scheduled services "	5,191,672	19,314,836	3,155,814	2,019,983	29,682,305	35,975,450	65,657,755
Weight load factor on scheduled services (1)	59.5	43.6	53.0	55.0	48.2	58.7	54.9

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service
July, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,041	49,863	19,097	303,721
Recreational flying	954	16,403	4,920	88,947
Aerial photography and survey	532	137,528	3,368	829,080
Aerial photography (excl. survey)	100	5,626	387	21,023
Aerial pest control	311	59,232	2,902	314,141
Aerial advertising	2	135	15	1,098
Aerial patrol and inspection	2,490	289,177	7,633	724,484
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	5	455
Geophysical survey	593	55,784	3,324	412,947
Non-transportation charter	68	15,544	186	71,688
Other specialty flying	354	21,081	662	64,028
Total specialty flying	8,445	650,373	42,499	2,831,612

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV
July, 1961

	Month	Year to date
Revenue hours flown	10,582	27,915
Average number of aircraft	114	107
Average number of employees:		
Flying personnel	157	205
Other personnel	253	166
Totals	410	371
Salaries and wages paid:		
Flying personnel	124,767	816,556
Other personnel	132,392	706,555
Totals	257,159	1,523,111
Operating revenues:		
Bulk transportation	1,075,288	3,205,667
Other flying services	40,183	105,636
Non-flying services	70,201	217,294
Totals	1,185,672	3,528,597
Operating expenses:		
Flying operations	315,153	1,449,953
Maintenance	163,821	765,595
General services and administration ..	68,056	451,718
Depreciation and amortization	89,939	604,570
Totals	636,969	3,271,836
Operating income (Loss)	548,703	256,761
Net income (deficit) after income taxes	530,258	220,938

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
July, 1961

				United States			Europe		
				To	From	Total	To	From	Total
Revenue passengers carried:									
Unit toll transportation	No.	31,138	29,961	61,099	9,571	9,405	18,976		
Bulk transportation	"	80	-	80	868	4,174	5,042		
Totals	"	31,218	29,961	61,179	10,439	13,579	24,018		
Revenue freight, express and excess baggage carried:									
Unit toll transportation	1b.	92,540	570,628	663,168	174,461	525,475	699,936		
Bulk transportation	"	-	-	-	-	-	-		
Totals	"	92,540	570,628	663,168	174,461	525,475	699,936		
Mail carried (Unit toll transportation) ..	"	45,672	95,071	140,743	26,040	80,254	106,294		
				All others			Totals		
				To	From	Total	To	From	Total
Revenue passengers carried:									
Unit toll transportation	No.	438	506	944	41,147	39,872	81,019		
Bulk transportation	"	-	-	-	948	4,174	5,122		
Totals	"	438	506	944	42,095	44,046	86,141		
Revenue freight, express and excess baggage carried:									
Unit toll transportation	1b.	17,763	3,179	20,942	284,764	1,099,282	1,384,046		
Bulk transportation	"	-	-	-	-	-	-		
Totals	"	17,763	3,179	20,942	284,764	1,099,282	1,384,046		
Mail carried (Unit toll transportation) ..	"	784	485	1,269	72,496	175,810	248,306		

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:

Air freight and air express.

Goods:

Air Cargo plus excess baggage and air mail.

Passenger Load Factor:

Ratio of revenue passenger-miles performed to available seat-miles.

Weight Load Factor:

Ratio of revenue ton-miles performed to available ton-miles.

Interline Traffic:

Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).

International Services:

Trans Border Services:

Services between Canada and the United States.

Southern Services:

Services between Canada and Bermuda, the Caribbean, Mexico or South America.

Trans Atlantic and Polar Services:

Services between Canada and Europe.

Pacific and Orient Services:

Services between Canada and points in the Pacific Ocean or the Orient.

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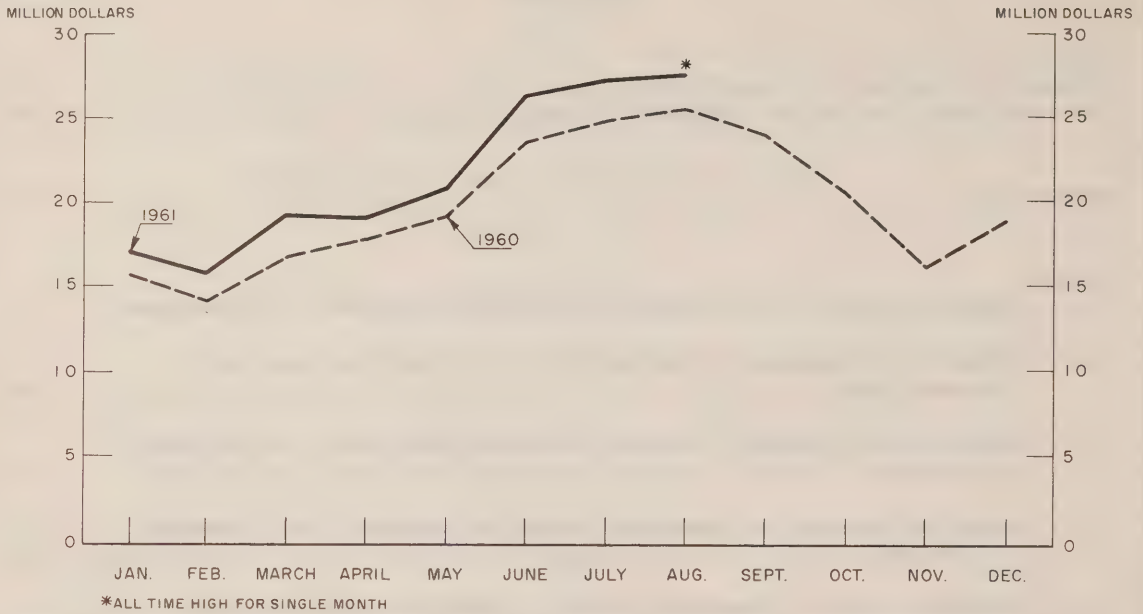
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SYMBOLS

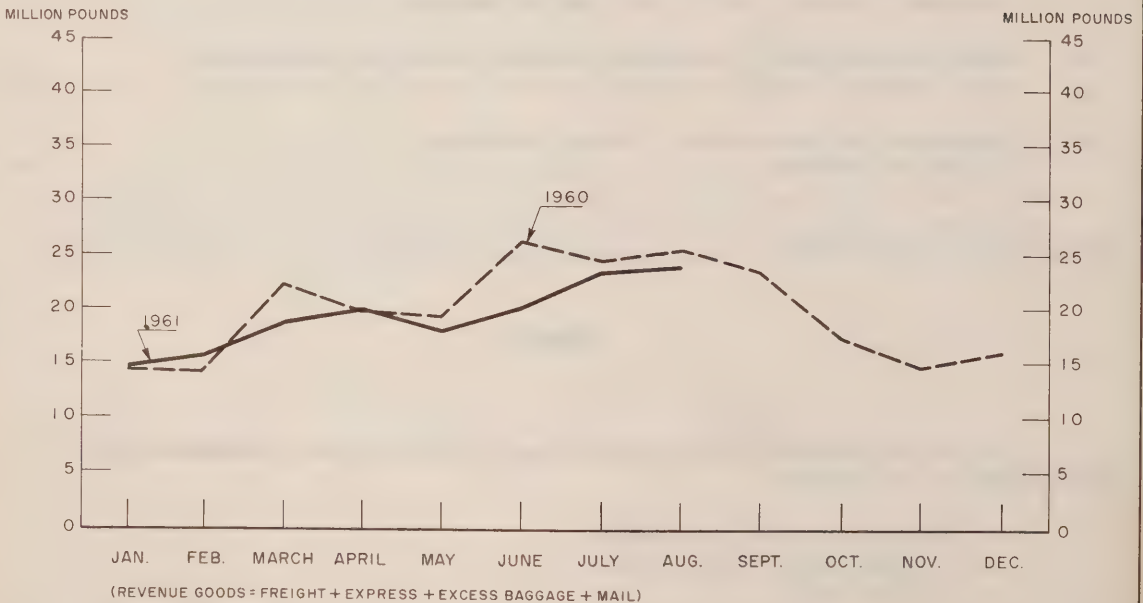
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1960-1961



INTRODUCTION

In August, 1961, Canadian air carriers transported 5.8 per cent more revenue passengers, but 4.2 per cent less revenue goods than in August, 1960. Passengers carried increased to 503,680 from 476,192, while goods flown decreased to 23,959,531 lbs. from 25,004,592 lbs. Revenue miles flown declined 5.4 per cent to 10,269,119 from 10,858,310. Both operating revenues and expenses registered increases, as revenues rose 7.6 per cent to \$27,462,828 from \$25,531,402 and expenses 9 per cent to \$23,526,700 from \$21,591,486. As a result, the operating income was virtually unchanged, amounting to \$3,936,128 as against \$3,939,916, although the net income, after provision for income taxes and other charges decreased to \$2,870,345 from \$3,408,033 in August, 1960.

For the first eight months of 1961, Canadian air carriers transported 3.1 per cent more revenue passengers in contrast to 5.6 per cent less revenue freight than in the corresponding period of 1960. The number of revenue passengers carried rose to 3,264,463 from 3,165,417, but the volume of goods flown dropped 5.6 per cent to 153,956,273 lbs. from 163,109,693 lbs. During the same period, operating revenues increased 9.8 per cent to \$172,995,588 from \$157,585,754, as compared with an increase of 9.3 per cent in operating expenses which rose to \$172,580,158 from \$157,585,754.

A total of 445,483 or 88.4 per cent of all revenue passengers carried and 9,677,896 lbs. or 40.4 per cent of all revenue goods were transported in unit toll service this month. In August, 1960, 409,746 revenue passengers or 86 per cent of the total and 9,446,184 lbs. of revenue goods or 37.1 per cent of the total were carried in this type of service. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

During the month under review, the six scheduled carriers transported 435,909 revenue passengers or 86.5 per cent of the total number carried and 10,847,535 lbs. of revenue goods or 45.3 per cent of the total. Comparable figures for August, 1960 were 407,859 revenue passengers or 85.7 per cent of the total and 10,535,895 lbs. of revenue goods or 41.4 per cent of the total. The scheduled carriers also accounted for 82.1 per cent of the operating revenues and 85.6 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for August of the previous year were 81.6 per cent and 85.3 per cent respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In August 1961, they flew a total of 10,123 revenue hours, an increase of 22.6 per cent from the 8,257 hours flown in August, 1960. The operating revenues increased 14.7 per cent to \$1,085,435 from \$946,496, while the operating expenses rose 26.8 per cent to \$667,402 from \$526,370. As a result, the operating income dropped slightly to \$418,033 from \$420,126 in the previous August.

Foreign carriers licensed to operate in Canada transported 90,723 revenue passengers compared with 74,434 in August 1960, an increase of 21.9 per cent. The volume of revenue goods handled also rose sharply, rising to 1,740,929 lbs. from 1,286,942 lbs., a gain of 35.3 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

August, 1961

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year total to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ..	6	21	53	74	80	9	8	97	...	
Transportation services:										
Unit toll:										
Revenue departures	No.	2,935	1,196	4,131	23,511	..	..	..	..
Revenue hours flown	"	3,517	769	4,286	30,519	638	1,349	32,506	234,907	
Revenue miles scheduled ...	"	...	...	...	6,084,524	155,058	434,304	6,673,886	48,258,879
Revenue miles flown:										
Scheduled services	"	456,467	98,871	555,338	6,154,285(4)	154,633	464,482	6,773,400(4)	48,573,377(4)	
Non-scheduled services ..	"	456,467	98,871	555,338	1,007,564(4)	-	464,482	1,007,564(4)	6,502,108(4)	
Totals	"	6,606,511			7,161,849	154,633		7,780,964	55,075,485	
Revenue passengers carried	"	426,831	5,901	18,652	445,483	63,435	22,692	531,610	3,492,624	
Revenue goods carried:										
Cargo	1b.	838,335	26,060	864,395	6,943,217	743,307	698,388	8,542,118	62,970,524(5)	
Excess baggage	"	22,613	27,317	49,930	157,206(5)	164,478	120,256	2,862,207	25,353,644	
Mail	"	2,514,746	40,422	62,727	2,577,473	907,785	818,644	11,404,325	88,324,168	
Totals	"	8,700,844	901,370	977,052	9,677,896	3,333,450	19,193,142	353,528,853	2,244,001,593	
Revenue passenger-miles ...	No.	3,615,586	472,231	4,087,817	331,002,261					
Revenue goods ton-miles:										
Cargo	"	211,515	1,419	212,934	3,137,099	22,546	210,473	3,509,821	26,372,529	
Excess baggage	"	8,335	1,249	9,584	139,703	3,587	52,027	1,145,534	9,472,580	
Mail	"	11,838	3,915	15,753	1,089,920	26,133	262,500	4,655,355	35,845,109	
Totals	"	231,688	6,583	238,271	4,366,722					
Bulk:										
Revenue - Departure	"	3,407	15,938	29,832	33,239	..	..	..	..
Hours flown	"	3,889	13,755	31,858	35,747	-	192	35,939	168,174	
Miles flown	"	569,553	1,185,181	2,537,717	3,107,270	72	54,725	3,162,067	15,923,037	
Passengers carried	"	9,078	25,295	49,119	58,197	129	4,467	62,793	307,392	
Freight carried . 1b.		2,146,691	9,300,631	12,134,944	14,281,635	-	14,500	14,296,135	81,094,570	
Non-transportation services:										
Specialty flying:										
Revenue hours flown	No.	1,644	7,601	10,639	12,283	-	-	12,283	54,797	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

August, 1961

- 7 -

	Canadian carriers					Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Total - All services:									
Traffic: (6)									
Revenue:									
Departures	22,787	16,829	17,134	33,963	56,750	638	1,541	80,728	457,878
Hours flown	31,766	24,658	22,125	46,783	78,549	154,705	519,207	10,943,031	70,998,522
Miles flown	7,176,064	1,809,003	1,284,052	3,093,055	10,269,119	63,564	27,159	594,403	3,800,016
Passengers carried	435,909	38,046	29,725	67,771	503,680	712,888(7)	833,144	22,838,253(7)	144,065,094(7)
Cargo carried	8,225,513	10,138,966	2,860,373	12,999,339	21,224,852	907,785		25,700,460	169,418,738
Goods carried	10,847,535	10,202,001	2,909,995	13,111,996	23,959,531				
Non-revenue:									
Hours flown	837	970	485	1,455	2,292	18	-	2,310	19,164
Passengers carried .....	..	402	3	405	..	1,136	922	..	..
Goods carried .....	..	51,697	-	51,697	..	20,412	138,429	..	..
Passenger-miles	15,342,766	236,749	-	236,749	15,579,515	85,874	747,845	16,413,234	100,206,506
Goods ton-miles	553,957	29,688	-	29,688	583,645	1,666	38,993	624,304	4,289,699
Fuel consumed:									
Turbo fuel - Quantity gal.	14,170,493	-	-	-	14,170,493	498,859	2,641,246	17,310,598	114,121,934
Cost	1,990,976	-	-	-	1,990,976	86,286	541,457	2,618,719	16,388,499
Gasoline - Quantity gal.	1,877,572	963,442	295,616	1,259,058	3,136,630	199,319	263,073	3,559,022	25,545,059
Cost	621,822	391,964	131,840	523,804	1,145,626	60,416	69,913	1,275,955	8,488,372
Oil consumed:									
Turbo aircraft - Quantity gal.	4,246	-	-	-	4,246	12	148	4,406	21,453
Cost \$	44,376	-	-	-	44,376	96	1,365	45,837	194,828
Other aircraft - Quantity gal.	27,931	13,362	7,107	20,469	48,400	486	3,079	51,965	352,308
Cost \$	26,531	19,026	9,148	28,174	54,705	361	2,263	57,329	361,943
Average number of employees:									
Flying personnel	2,257	507	273	780	3,037	..	..	..	..
Other personnel	13,502	888	540	1,428	14,930	..	..	..	..
Totals	15,759	1,395	813	2,208	17,967	294	803	19,064	18,772
Salaries and wages paid:									
Flying personnel	1,786,858	354,627	181,788	536,415	2,323,273	..	..	..	..
Other personnel	5,897,903	406,000	213,845	619,845	6,517,748	..	..	..	..
Totals	7,684,761	760,627	395,633	1,156,260	8,841,021	123,468	320,254	9,284,743	71,199,024

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I excess baggage.

(6) Except for hours flown these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

August, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Non-scheduled carriers				
				Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	17,927,397	947,603	18,875,000	398,108	81,413	479,521	19,354,521	125,865,739
Express	278,679	46,226	324,905	10,771	805	11,576	336,481	2,256,058
Freight	609,772	210,246	820,018	121,278	8,292	129,570	949,588	6,946,625
Excess baggage	96,781	24,858	121,639	9,354	1,830	11,184	132,823	869,299
Mail	978,133	86,221	1,064,354	19,508	5,436	24,944	1,089,298	9,117,361
Total unit toll transportation	19,890,762	1,315,154	21,205,916	559,019	97,776	656,795	21,862,711	145,055,082
Bulk transportation	237,954	575,657	813,611	2,077,872	1,065,823	3,143,695	3,957,306	19,866,924
Total transportation	20,128,716	1,890,811	22,019,527	2,636,891	1,163,599	3,800,490	25,820,017	164,922,006
Specialty flying services	849	121,133	121,982	568,391	350,641	919,032	1,041,014	3,907,491
Total flying services	20,129,565	2,011,944	22,141,509	3,205,282	1,514,240	4,719,522	26,861,031	168,829,497
Non-flying services	363,169	30,429	393,598	19,501	188,698	208,199	601,797	4,368,876
Total operating revenues	20,492,734	2,042,373	22,535,107	3,224,783	1,702,938	4,927,721	27,462,828	173,198,373
Operating expenses:								
Flying operations	4,987,214	688,007	5,675,221	1,174,330	511,715	1,686,045	7,361,266	49,756,705
Maintenance	3,669,545	413,968	4,083,513	655,004	219,765	874,769	4,958,282	38,144,599
General services and administration:								
Passenger service	1,528,401	48,906	1,577,307	..	..	..	..	..
Aircraft and traffic servicing	2,678,536	195,678	2,874,214	..	..	..	..	..
Promotion and sales	2,854,799	91,921	2,946,720	..	..	..	..	..
General administration	750,507	115,748	866,255	..	..	..	..	..
Totals	7,812,243	452,253	8,264,496	332,973	132,044	465,017	8,729,513	66,361,905
Depreciation and amortization	1,944,592	177,825	2,122,417	235,059	120,163	355,222	2,477,639	18,454,714
Total operating expenses	18,413,594	1,732,053	20,145,647	2,397,366	983,687	3,381,053	23,526,700	172,717,923
Operating income (loss)	2,079,140	310,320	2,389,460	827,417	719,251	1,546,668	3,936,128	480,450
Non-operating income - net:								
Capital gains and losses	9,675	3,814	5,861	-	2,907	2,907	8,768	110,277
Interest and discounts	101,141	810	101,951	923	1,655	732	102,683	1,442,450
Miscellaneous non-operating income	Dr. 57,301	3,208	Dr. 54,093	Dr. 8,431	409	Dr. 8,022	Dr. 62,115	419
Income before interest expense	2,132,655	310,524	2,443,179	818,063	724,222	1,542,285	3,985,464	2,033,596
Interest expense	876,535	36,461	912,996	41,748	11,433	53,181	966,177	7,621,345
Income before income taxes	1,256,120	274,063	1,530,183	776,315	712,789	1,489,104	3,019,287	5,387,749
Provision for income taxes	-	49,997	49,997	64,925	34,020	98,945	148,942	453,007
Net income after income taxes	1,256,120	224,066	1,480,186	711,390	678,769	1,390,159	2,870,345	6,040,756

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

August, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,320,555	154,752	323,702	269,160	199,989	14,606,842	18,875,000	123,697,916
Express	19,480	-	12,450	31,535	2,243	259,199	324,905	324,687
Freight	150,181	117,071	63,116	-	30,059	459,591	820,018	6,246,687
Excess baggage	24,502	2,123	11,830	6,966	3,939	72,279	121,639	819,310
Mail	147,693	20,963	46,341	1,556	17,361	830,440	1,064,354	8,502,724
Total unit toll transportation	3,662,411	294,909	457,439	309,215	253,591	16,228,351	21,205,916	141,435,352
Bulk transportation	157,649	17,065	221,135	685	336,792	80,305	813,611	4,327,862
Total transportation	3,820,060	311,974	678,574	309,900	590,383	16,308,656	22,019,527	145,763,214
Specialty flying services	-	-	99,056	-	22,077	849	121,982	325,270
Total flying services	3,820,060	311,954	777,630	309,900	612,460	16,309,505	22,141,509	146,088,484
Non-flying services	51,169	5,320	29,983	11,028	15,902	312,000	393,598	2,390,894
Total operating revenues	3,871,229	317,274	807,613	320,928	596,558	16,621,505	22,535,107	148,479,378
Operating expenses:								
Flying operations	1,454,266	84,162	270,669	104,483	228,693	3,532,948	5,675,221	40,229,911
Maintenance	718,430	58,532	127,395	81,208	146,833	2,951,115	4,083,513	32,306,551
General services and administrations:								
Passenger service	308,477	12,229	15,130	7,106	14,441	1,219,924	1,577,307	12,035,176
Aircraft and traffic servicing	460,310	39,538	115,945	25,252	14,943	2,218,226	2,874,214	22,702,473
Promotion and sales	644,166	7,902	15,314	41,894	26,811	2,210,633	2,946,720	21,529,223
General administration	212,494	17,710	41,532	28,098	28,408	538,013	866,255	6,664,740
Totals	1,625,447	77,379	187,921	102,350	84,603	6,186,796	8,264,496	62,931,612
Depreciation and amortization	255,300	28,280	54,011	60,781	34,753	1,689,292	2,122,417	15,993,058
Total operating expenses	4,053,443	248,353	639,996	348,822	494,882	14,360,151	20,145,647	151,461,132
Operating income (loss)	Dr. 182,214	68,921	167,617	Dr. 27,894	101,676	2,261,354	2,389,460	Dr. 2,981,754
Non-operating income - net:								
Capital gains and losses	9,675	Dr. 3,779	-	35	-	-	5,861	15,551
Interest and discounts	6,727	755	-	-	55	94,414	101,951	1,426,385
Miscellaneous non-operating income	Dr. 49,366	796	2,075	303	34	Dr. 7,935	Dr. 54,093	50,337
Income before interest expense	Dr. 215,178	66,693	169,692	Dr. 27,626	101,765	2,347,833	2,443,179	Dr. 1,489,481
Interest expense	-	2,383	9,335	12,621	12,122	876,535	912,996	7,241,564
Income before income taxes	Dr. 215,178	64,310	160,357	Dr. 40,247	89,643	1,471,298	1,530,183	Dr. 8,731,045
Provision for income taxes	-	3	50,000	-	-	-	49,997	50,422
Net income after income taxes	Dr. 215,178	64,313	110,357	Dr. 40,247	89,643	1,471,298	1,480,186	Dr. 8,781,467

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

August, 1961

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services</u>									
Unit toll:									
Revenue departures	No.	1,997	13,280	15,277	895	1,310	885	4,103	19,380
Revenue hours flown	"	3,845	18,273	22,118	886	1,450	711	4,115	26,233
Revenue miles scheduled	"	1,081,882	4,737,670	5,819,552	29,806	100,384	98,550	264,972	6,084,524
Revenue miles flown:									
Scheduled services - Regular	"	1,073,326	4,688,251	5,761,577	26,602	97,977	81,595	242,006	6,003,583
Extra section	"	16,670	121,337	138,007	6,365	2,240	1,514	12,695	150,702
Non-scheduled services	"	68,336	-	68,336	120,223	112,360	45,203	383,890	452,226
Totals	"	1,158,332	4,809,588	5,967,920	153,190	212,577	128,312	638,591	6,606,511
Ratio of regular miles flown to miles scheduled		99.2	99.0	...	89.3	97.6	82.8	98.9	...
Revenue passengers carried	No.	38,522	350,392	388,914	7,704	13,378	11,262	37,917	426,831
Revenue goods carried:	lb.								
Express		86,917	805,567	892,484	-	30,378	192,919	236,731	1,129,215
Freight	"	369,470	2,820,011	3,189,481	1,195,839	401,661	-	1,760,126	4,949,607
Excess baggage	"	-	-	-	14,017	29,931	49,383	107,276	107,276(2)
Mail	"	167,368	2,044,005	2,211,373	118,173	114,716	15,858	303,373	2,514,746
Totals	"	623,755	5,669,583	6,293,338	1,328,029	576,686	258,160	2,407,506	8,700,844
Revenue passenger-miles:									
Scheduled services	No.	55,639,046	258,558,565	314,197,611	506,991	1,424,659	2,127,262	4,530,260	318,727,871
Non-scheduled services	"	1,702,845	-	1,702,845	1,241,724	2,572,231	916,527	6,483,728	8,186,573
Totals	"	57,341,891	258,558,565	315,900,456	1,748,715	3,996,890	3,043,789	11,013,988	326,914,444
Available seat-miles on scheduled services	"	106,043,595	383,707,674	489,751,269	857,142	2,896,590	3,352,344	..	..
Passenger load factor on scheduled services		52.5	67.4	...	59.1	49.2	63.5	..	..
Revenue goods ton-miles:	No.								
Express - Scheduled services		23,134	291,228	314,362	-	160	20,763	21,728	336,090
Non-scheduled services ..	"	1,323	-	1,323	-	11,048	11,219	24,818	26,141
Totals	"	24,457	291,228	315,685	-	11,208	31,982	3,356	362,231
Freight - Scheduled services	"	375,270	1,749,284	2,124,554	2,463	5,833	1,123	9,419	2,133,973
Non-scheduled services ..	"	2,875	-	2,875	291,476	106,999	-	425,086	427,961
Totals	"	378,145	1,749,284	2,127,429	293,939	112,832	-	434,505	2,561,934

See footnotes at end of table.

August, 1961

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - concluded:									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services	25,909	84,144	110,053	278	1,098	4,472	461	6,309	116,362
Non-scheduled services	87	-	87	1,846	5,311	2,901	3,612	13,670	13,757
Totals	25,996	84,144	110,140	2,124	6,409	7,373	4,073	19,979	130,119
Mail - Scheduled services	126,404	885,083	1,011,487	4,331	902	269	1,590	7,092	1,018,579
Non-scheduled services	3,898	-	3,898	7,566	37,331	798	5,995	51,690	55,588
Totals	130,302	885,083	1,015,385	11,897	38,233	1,067	7,585	58,782	1,074,167
Total - Scheduled services	550,717	3,009,739	3,560,456	7,072	7,993	25,504	3,979	44,548	3,605,004
Non-scheduled services	8,183	-	8,183	300,888	160,689	14,918	38,769	515,264	523,447
Totals	558,900	3,009,739	3,568,639	307,960	168,682	40,422	42,748	559,812	4,128,451
Available ton-miles on scheduled services	13,952,849	51,631,598	65,584,447	86,703	273,160	366,665	91,791	818,319	66,402,766
Weight load factor on scheduled services (3)	43.8	55.9	...	66.6	55.1	65.0	55.7	...	...
Bulk:									
Revenue - Departures	59	48	107	87	2,399	10	804	3,300	3,407
Hours flown	371	123	494	102	2,080	11	1,202	3,395	3,889
Miles flown	101,600	30,558	132,158	15,399	222,215	1,508	198,273	437,395	569,553
Passengers carried	1,023	1,980	3,003	1,331	3,271	11	1,462	6,075	9,078
Freight carried lb.	-	-	-	3,572	849,801	243	1,293,075	2,146,691	2,146,691
Non-transportation services									
Specialty flying:									
Revenue hours flown	-	3	3	-	1,567	-	74	1,641	1,644
Total - All services									
Traffic: (4)									
Revenue:									
Departures	2,056	13,328	15,384	982	3,709	1,023	1,689	7,403	22,787
Hours flown	4,216	18,399	22,615	988	5,097	722	2,344	9,131	31,766
Miles flown	1,259,932	4,840,146	6,100,078	168,589	434,792	129,820	342,785	1,075,986	7,176,064
Passengers carried	39,545	352,372	391,917	9,035	16,649	11,273	7,035	43,992	435,909
Cargo carried lb.	456,387	3,625,578	4,081,965	1,199,411	1,281,840	193,162	1,469,135	4,143,548	8,225,513
Goods carried	623,755	5,669,583	6,293,338	1,331,601	1,426,487	258,403	1,537,706	4,554,197	10,847,535

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

August, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic: (4) - Concluded:									
Non-revenue:									
Hours flown	144	382	526	15	168	86	42	311	837
Passengers carried	1,144	..	..	145	253	271	117	786	..
Goods carried	131,189	..	..	34,907	30,027	-	10,939	75,873	..
Passenger-miles	1,439,018	13,610,056	15,049,074	41,419	92,111	79,594	80,568	293,692	15,342,766
Goods ton-miles	172,071	360,555	532,626	6,754	10,364	-	4,213	21,331	553,957
Fuel consumed:									
Turbo fuel - Quantity	2,604,899	11,327,704	13,932,603	69,645	-	168,245	-	237,890	14,170,493
Cost	404,145	1,939,384	1,939,529	16,617	-	34,830	-	51,447	1,990,976
Gasoline - Quantity	512,738	738,072	1,250,810	91,020	249,415	24,043	262,284	626,762	1,877,572
Cost	159,209	206,801	366,010	29,764	110,726	8,148	107,174	255,812	621,822
Oil consumed:									
Turbo aircraft - Quantity	416	3,686	4,102	14	-	130	-	144	4,246
Cost	5,315	37,751	43,066	186	-	1,124	-	1,310	44,376
Other aircraft - Quantity	6,278	13,187	19,465	1,154	3,256	247	3,809	8,466	27,931
Cost	5,727	11,607	17,334	1,052	4,070	266	3,809	9,197	26,531
Average number of employees:									
Flying personnel	437	1,550	1,987	34	103	56	77	270	2,257
Other personnel	2,318	10,209	12,527	167	351	273	184	975	13,502
Totals	2,755	11,759	14,514	201	454	329	261	1,245	15,759
Salaries and wages paid:									
Flying personnel	354,555	1,249,287	1,603,842	23,847	89,690	21,824	47,655	183,016	1,786,858
Other personnel	936,859	4,599,001	5,535,860	52,391	154,518	87,019	68,115	362,043	5,897,903
Totals	1,291,414	5,848,288	7,139,702	76,238	244,208	108,843	115,770	545,059	7,684,761

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I Carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

August, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	30,681	7,101	13,030	11,262	4,808	293,196	360,078
Domestic interline	4,082	603	-	-	-	-	-
Foreign interline	3,311	-	-	-	-	57,196	65,192
Totals (2)	38,074	7,704	13,030	11,262	4,808	350,392	425,270
Revenue express carried:							
Originated	86,917	-	30,378	192,919	13,434	805,567	1,129,215
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	86,917	-	30,378	192,919	13,434	805,567	1,129,215
Revenue freight carried:							
Originated	305,611	851,505	383,931	-	55,212	2,820,011	4,416,270
Domestic interline	11,112	-	-	-	-	-	11,112
Foreign interline	28,972	-	-	-	-	-	28,972
Totals (2)	345,695	851,505	383,931	-	55,212	2,820,011	4,456,354
Revenue excess baggage carried:							
Originated .....	..	14,017	29,339	49,383	12,063	..	104,802
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals (2) .....	..	14,017	29,339	49,383	12,063	..	104,802(3)
Revenue mail carried:							
Originated	167,368	118,173	112,601	15,858	15,059	2,044,005	2,473,064
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	167,368	118,173	112,601	15,858	15,059	2,044,005	2,473,064

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I Carriers.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

August, 1961

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	2,412	613	256	93	3,374	11,903	15,277
Revenue hours flown	3,620	2,481	979	610	7,690	14,428	22,118
Revenue miles scheduled	780,900	1,078,218	280,266	195,529	2,334,913	3,484,639	5,819,552
Revenue miles flown:							
Scheduled services - Regular	773,852	1,069,658	279,147	195,529	2,318,186	3,443,391	5,761,577
Extra sections	12,864	15,245	-	-	28,109	109,898	138,007
Non-scheduled services	-	-	-	-	-	68,336	68,336
Totals	786,716	1,084,903	279,147	195,529	2,346,295	3,621,625	5,967,920
Ratio of regular miles flown to miles scheduled	99.1	99.2	99.6	100.0	99.3	98.8	99.0
Revenue passenger-miles	30,926,698	67,479,072	13,802,551	7,525,604	119,733,925	196,166,531	315,900,456
Available seat-miles on scheduled services	45,245,956	132,466,055	24,712,076	16,364,269	218,788,356	270,962,913	489,751,269
Passenger load factor on scheduled services	68.4	50.9	55.9	46.0	54.7	71.8	64.2
Revenue goods ton-miles:							
Express	41,482	-	-	-	41,482	274,203	315,685
Freight	148,054	499,957	88,795	146,621	883,427	1,244,002	2,127,429
Excess baggage	9,696	26,866	12,139	4,768	53,469	56,671	110,140
Mail	28,411	129,693	31,355	64,246	253,705	761,680	1,015,385
Totals	227,643	656,516	132,289	215,635	1,232,083	2,336,556	3,568,639
Available ton-miles on scheduled services	5,430,218	18,648,465	3,069,354	2,151,318	29,299,355	36,285,092	65,584,447
Weight load factor on scheduled services (1)	61.1	39.7	49.3	45.0	45.1	60.0	53.3

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

August, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue earned	
	No.	\$	No.	\$
Flying training	3,198	50,094	22,295	353,815
Recreational flying	1,026	41,263	5,947	130,279
Aerial photography and survey	1,554	230,037	4,922	1,059,117
Aerial photography (excl. survey)	129	4,768	516	25,791
Aerial pest control	1,767	339,047	4,669	653,188
Aerial advertising	51	3,182	70	4,475
Aerial patrol and inspection	3,132	273,540	10,775	998,156
Philanthropic	-	-	-	-
Aerial fish cultivation	1	120	6	575
Geophysical survey	859	81,235	4,183	494,182
Non-transportation charter	97	8,941	283	80,629
Other specialty flying	469	18,957	1,131	82,985
Total specialty flying	12,283	1,051,184	54,797	3,883,192

TABLE 8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV

August, 1961

	Month	Year to date
Revenue hours flown	10,123	38,038
Average number of aircraft	114	105
Average number of employees:		
Flying personnel	155	199
Other personnel	253	177
Totals	408	376
Salaries and wages paid:		
Flying personnel	118,875	935,431
Other personnel	134,563	841,118
Totals	253,438	1,776,549
Operating revenues:		
Bulk transportation	1,043,034	4,248,701
Other flying services	57,329	162,965
Non-flying services	Dr. 14,928	202,366
Totals	1,085,435	4,614,032
Operating expenses:		
Flying operations	382,415	1,832,368
Maintenance	138,032	903,627
General services and administration ..	56,074	507,792
Depreciation and amortization	90,881	695,451
Totals	667,402	3,939,238
Operating income (Loss)	418,033	674,794
Net income (deficit) after income taxes \$	387,509	608,447

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
August, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	33,191	31,493	64,684	7,258	13,331	20,589
Bulk transportation	"	-	129	129	893	3,574	4,467
Totals	"	33,191	31,622	64,813	8,151	16,905	25,056
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	103,749	648,538	752,287	123,324	548,121	671,445
Bulk transportation	"	-	-	-	14,500	-	14,500
Totals	"	103,749	648,538	752,287	137,824	548,121	685,945
Mail carried (Unit toll transportation) ..	"	48,557	115,631	164,188	31,789	87,582	119,371
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	413	441	854	40,862	45,265	86,127
Bulk transportation	"	-	-	-	893	3,703	4,596
Totals	"	413	441	854	41,755	48,968	90,723
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	14,820	3,143	17,963	241,893	1,199,802	1,441,695
Bulk transportation	"	-	-	-	14,500	-	14,500
Totals	"	14,820	3,143	17,963	256,393	1,199,802	1,456,195
Mail carried (Unit toll transportation) ..	"	657	518	1,175	81,003	203,731	284,734

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Limited.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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51-001

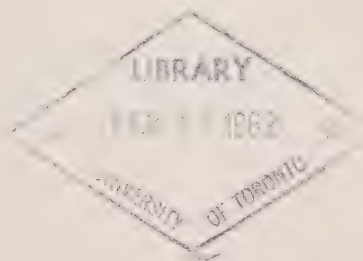
MONTHLY



11. Statistics

CIVIL AVIATION. I

SEPTEMBER 1961



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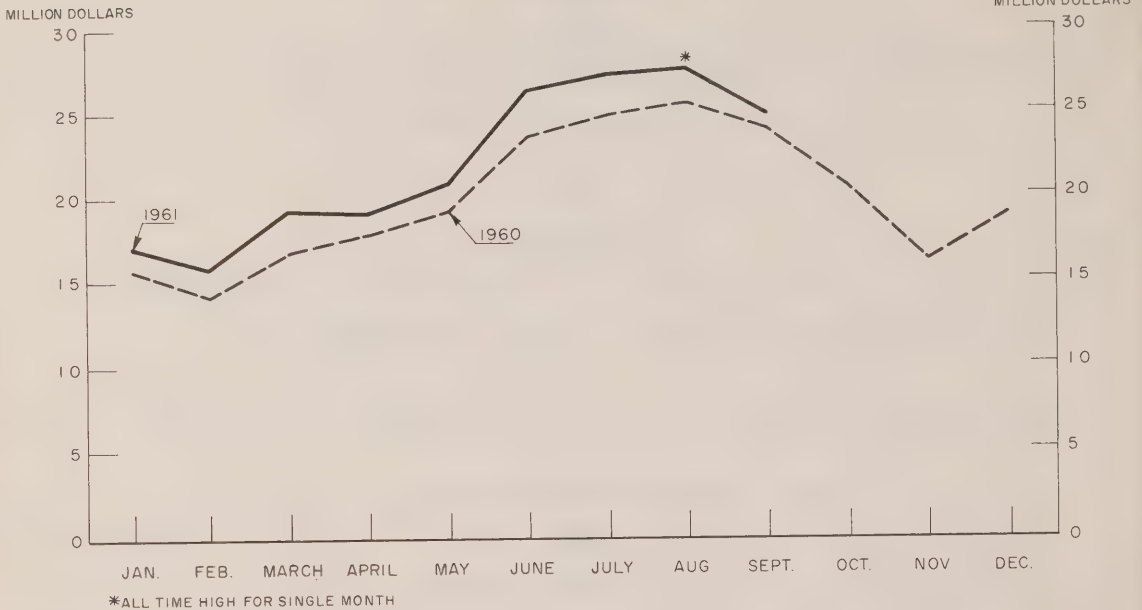
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

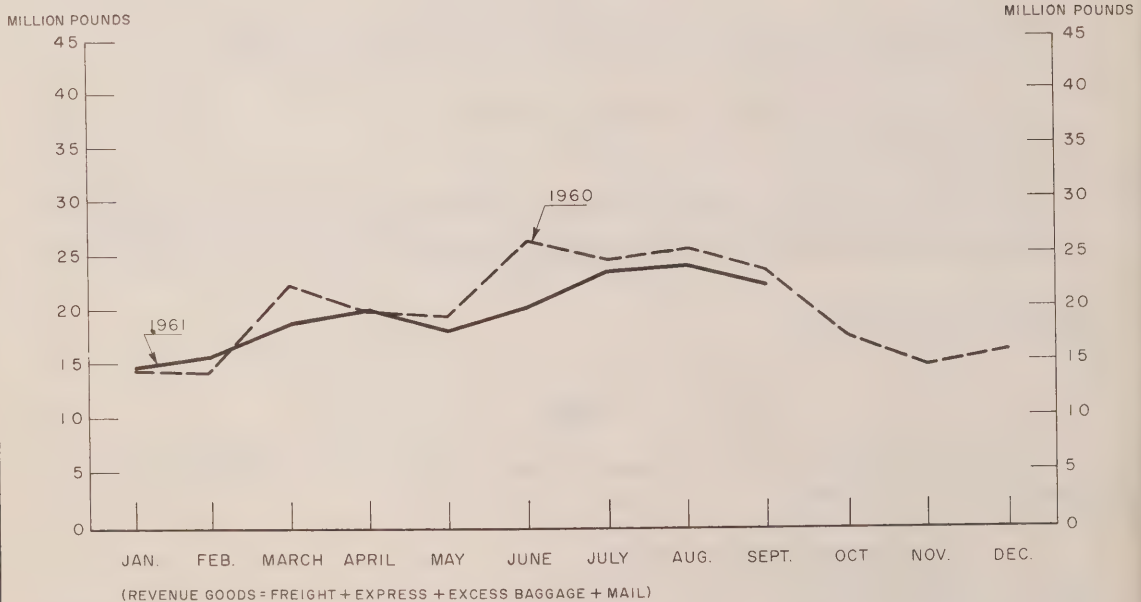
OPERATING REVENUE OF CANADIAN CARRIERS

1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1960-1961



INTRODUCTION

In September, 1961, Canadian air carriers transported 6.6 per cent more revenue passengers, but 3.2 per cent less revenue goods than in September, 1960. Passengers carried rose to 474,316 from 445,132, while goods flown decreased to 22,018,418 lbs. from 22,746,649 lbs. Revenue miles flown declined 8.8 per cent to 8,989,255 from 9,854,651. Both operating revenues and expenses registered increases, as revenues rose 3.8 per cent to \$24,851,965 from \$23,942,255 and expenses 9 per cent to \$23,-205,931 from \$21,292,093. As a result, the operating income declined to \$1,646,034 from \$2,650,162 and the net income after provision for income taxes and other charges dropped to \$663,736 from \$2,145,548 in September, 1960.

For the first nine months of 1961, more revenue passengers but less revenue goods were carried than in the same period of 1960. The number of passengers increased 3.6 per cent to 3,738,779 from 3,610,549 while the volume of goods decreased 6.1 per cent to 175,974,691 lbs. from 187,357,008 lbs. During the same period, both operating revenues and expenses were higher. Revenues rose 9.1 per cent to \$198,152,198 from \$181,613,774 and expenses increased 9.3 per cent to \$195,976,815 from \$179,237,580.

In the month of September, 1961, 90.7 per cent of the total revenue passengers and 45.4 per cent of the total revenue goods were carried in unit toll services. Corresponding figures for the same month of 1960 were 90.4 per cent and 41.4 per cent respectively. It should be noted that a complete breakdown of unit toll services into scheduled and non-scheduled is not possible since some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

During the month under review, the six scheduled carriers transported 419,749 revenue passengers or 88.5 per cent of the total number carried and 11,235,858 lbs. of revenue goods or 51 per cent of the total. In September of the previous year 87.5 per cent of the revenue passengers and 38.4 per cent of the revenue goods were transported by the scheduled carriers.

Table 8 shows data for companies operating helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In September, 1961, they flew a total of 6,347 revenue hours as compared with 5,008 in September, 1960. Operating revenues totalled \$873,657 and operating expenses amounted to \$650,883 compared with revenues of \$488,370 and expenses of \$259,563 in September of the previous year.

Tables 10 and 11 cover operations of the Group V carriers which report quarterly. The information presented in these two tables is excluded from all other tables of the report. During the third quarter of 1961 these carriers transported 46,407 revenue passengers as against 45,865 and 3,094,483 lbs. of revenue goods as compared with 3,062,289 lbs. in the corresponding period of 1960.

Foreign carriers licensed to operate in Canada transported 79,967 revenue passengers and 1,606,552 lbs. of revenue goods in September. This represents an increase of 12.5 per cent over the number of passengers carried in September, 1960, (71,694), and a 9.9 per cent increase in the volume of revenue goods (1,462,287 lbs.) It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services
September, 1961

	Canadian carriers					Foreign carriers (2)			Grand total all carriers	Year to date
	Scheduled carriers Group I and II (1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers (3)			
		Group III (1)	Group IV	Total						
Number of carriers reporting ..	6	21	52	73	79	9	8	96	...	
Transportation services:										
Unit toll:										
Revenue departures	18,031	2,708	1,046	3,754	21,785	..	..	..	..
Revenue hours flown	24,450	3,186	679	3,865	28,315	596	1,336	30,247	265,106	
Revenue miles scheduled ..	5,812,711	...	...	...	5,812,711	148,059	421,976	6,382,746	54,641,853
Revenue miles flown:										
Scheduled services	5,915,076 (4)	-	-	-	5,915,076 (4)	145,930	460,888	6,521,894 (4)	55,095,271 (4)	
Non-scheduled services ..	306,538 (4)	414,082	89,121	503,203	809,741 (4)	-	-	809,741 (4)	7,308,504 (4)	
Totals	6,221,614	414,082	89,121	503,203	6,724,817	145,930	460,888	7,331,635	62,403,775	
Revenue passengers carried	412,332	12,689	5,358	18,047	430,379	53,745	21,797	505,921	3,998,712	
Revenue goods carried:										
Cargo	6,516,843	614,996	153,882	768,878	7,285,721	718,160	888,392	9,052,215	72,022,739 (4)	
Excess baggage	103,421 (5)	24,316	32,205	56,521	159,942 (5)	-	-	159,942 (5)	28,179,997	
Mail	2,488,274	44,911	20,348	65,259	2,553,533	155,273	117,547	2,826,353	100,202,736	
Totals	9,108,538	684,223	206,435	890,658	9,999,196	873,433	1,005,939	11,878,568		
Revenue passenger-miles ...	305,104,654	3,329,209	430,138	3,759,347	308,864,001	2,803,996	18,602,743	330,270,740	2,574,312,926	
Revenue goods ton-miles:										
Cargo	3,356,450	145,362	178,902	324,264	3,680,714	21,858	316,435	4,174,148	30,546,677	
Excess baggage	144,959	8,748	1,434	10,182	155,141	-	-	155,141	10,593,929	
Mail	1,050,142	16,052	1,161	17,213	1,067,355	3,459	50,535	1,121,349	41,140,606	
Totals	4,551,551	170,162	181,497	351,659	4,903,210	25,317	366,970	5,295,497		
Bulk:										
Revenue - Departure	2,717	9,482	10,969	20,451	23,168	..	..	..	195,416
Hours flown	3,037	13,015	9,861	22,876	25,913	-	175	26,088	18,379,906	
Miles flown	441,710	978,668	844,060	1,822,728	2,264,438	-	49,565	2,314,003	361,413	
Passengers carried	7,417	19,094	17,426	36,520	43,937	-	4,425	48,362	93,864,129	
Freight carried 1b.	2,127,320	7,688,855	2,203,047	9,891,902	12,019,222	-	-	12,019,222		
Non-transportation services:										
Specialty flying:										
Revenue hours flown	356	1,563	3,998	5,561	5,917	-	-	5,917	60,714	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

September, 1961

	Canadian carriers							Grand total all carriers	Year to date	
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers				Total Canadian carriers	Foreign carriers(2)			
		Group III(1)	Group IV	Total	United States carriers		Other Foreign carriers(3)			
Total - All services:										
Traffic: (6)										
Revenue:										
Departures	No.	12,190	12,015	24,205	44,953	596	1,511	62,252	521,236	
Hours flown	"	17,764	14,538	32,302	60,145				80,783,681	
Miles flown	"	1,392,750	933,181	2,325,931	8,989,255	145,930	510,453	9,645,638	4,360,125	
Passengers carried	"	31,783	22,784	54,567	474,316	53,745	26,222	554,283	165,886,868(7)	
Cargo carried	lb.	8,303,851	2,356,929	10,660,780	19,304,943	718,160(7)	888,392(7)	21,071,437(7)	194,066,865	
Goods carried	"	8,373,078	2,409,482	10,782,560	22,018,418	873,433	1,005,939	23,897,790		
Non-revenue:										
Hours flown	No.	602	406	1,008	1,842	7	7	1,856	21,020	
Passengers carried	"	203	-	203	..	775	890	..	..
Goods carried	lb.	45,607	-	45,607	..	16,276	119,610	..	..
Passenger-miles	No.	149,773	-	149,773	13,063,726	53,007	730,274	13,847,007	114,053,513	
Goods ton-miles	"	30,641	-	30,641	508,282	687	41,323	550,292	4,839,991	
Fuel consumed:										
Turbo fuel - Quantity	gal.	-	-	-	13,868,080	634,705	2,666,051	17,168,836	131,299,531	
Cost	\$	-	-	-	1,928,172	96,814	448,054	2,473,040	18,862,906	
Gasoline - Quantity	gal.	819,373	247,074	1,066,447	2,664,505	177,464	231,008	3,072,977	28,622,239	
Cost	\$	351,700	109,149	460,849	985,242	53,914	55,353	1,094,509	9,583,288	
Oil consumed:										
Turbo aircraft - Quantity	gal.	-	-	-	3,007	15	108	3,130	24,583	
Cost	\$	-	-	-	30,873	97	1,017	31,987	226,815	
Other aircraft - Quantity	gal.	12,364	5,504	17,868	38,674	918	2,530	42,122	394,336	
Cost	\$	18,154	8,359	26,513	43,863	621	1,922	46,406	408,376	
Average number of employees:										
Flying personnel	No.	434	256	690	2,916	..	..	..	..
Other personnel	"	957	503	1,460	14,985	..	..	..	..
Totals	"	1,391	759	2,150	17,901	256	797	18,954	18,792	
Salaries and wages paid:										
Flying personnel	\$	372,143	167,561	539,704	2,175,061	..	..	..	..
Other personnel	\$	424,549	235,074	659,623	6,614,538	..	..	..	..
Totals	\$	796,692	402,635	1,199,327	8,789,599	141,190	343,079	9,273,868	80,488,028	

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I excess baggage.

(6) Except for hours flown these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

September, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(I)	Total	Group III(I)	Group IV	Total		
							dollars	
Operating revenues:								
Unit toll transportation:								
Passengers	17,059,800	793,429	17,853,229	357,968	75,037	433,005	18,286,234	144,154,806
Express	297,888	47,906	345,794	8,293	7,875	16,168	361,962	2,618,020
Freight	682,305	184,571	866,876	85,347	2,475	87,822	954,698	7,901,196
Excess baggage	94,200	22,957	117,157	10,116	2,266	12,382	129,539	998,875
Mail	941,389	79,876	1,021,265	22,065	4,717	26,782	1,048,047	10,165,517
Total unit toll transportation	19,075,582	1,128,739	20,204,321	483,789	92,370	576,159	20,780,480	165,838,414
Bulk transportation	224,825	471,431	696,256	1,546,644	847,599	2,394,243	3,090,499	23,054,111
Total transportation	19,300,407	1,600,170	20,900,577	2,030,433	939,969	2,970,402	23,870,979	188,892,525
Specialty flying services	1,074	36,713	37,787	484,130	84,835	568,965	606,752	4,514,612
Total flying services	19,301,481	1,636,883	20,938,364	2,514,563	1,024,804	3,539,367	24,477,731	193,407,137
Non-flying services	126,311	67,488	193,799	14,274	166,161	180,435	374,234	4,745,061
Total operating revenues	19,427,792	1,704,371	21,132,163	2,528,837	1,190,965	3,719,802	24,851,965	198,152,198
Operating expenses:								
Flying operations	4,755,630	643,332	5,398,962	1,062,776	488,668	1,551,444	6,950,406	56,735,881
Maintenance	3,792,748	405,765	4,198,513	544,415	200,544	744,959	4,943,472	43,092,538
General services and administration:								
Passenger service	1,485,824	51,806	1,537,630	..	..	..	..	..
Aircraft and traffic servicing	2,758,823	200,026	2,958,849	..	..	..	..	..
Promotion and sales	2,743,154	89,175	2,832,329	..	..	..	..	..
General administration	705,347	90,045	795,392	..	..	..	..	..
Totals	7,693,348	431,052	8,124,400	383,278	160,332	543,610	8,668,010	75,041,354
Depreciation and amortization	2,136,549	179,224	2,315,773	204,189	124,081	328,270	2,644,043	21,107,042
Total operating expenses	18,378,275	1,659,373	20,037,648	2,194,658	973,625	3,168,283	23,205,931	195,976,815
Operating income (loss)	1,049,517	44,998	1,094,515	334,179	217,340	551,519	1,646,034	2,175,383
Non-operating income - net:								
Capital gains and losses	Dr. 54,817	990	Dr. 53,827	70	712	782	Dr. 53,045	57,232
Interest and discounts	95,592	5,936	101,528	374	1,629	2,003	103,531	1,545,981
Miscellaneous non-operating income	Dr. 10,790	1,116	Dr. 9,674	Dr. 6,119	3,134	Dr. 2,985	Dr. 12,659	Dr. 12,097
Income before interest expense	1,079,502	53,040	1,132,542	328,504	222,815	551,319	1,683,861	3,766,499
Interest expense	882,781	37,870	920,651	36,850	16,766	53,616	974,267	8,596,266
Income before income taxes	196,721	15,170	211,891	291,654	206,049	497,703	709,594	Dr. 4,829,767
Provision for income taxes	Cr. 5,229	50,000	44,771	Cr. 16,786	17,873	1,087	45,858	498,865
Net income after income taxes	201,950	Dr. 34,830	167,120	308,440	188,176	496,616	663,736	Dr. 5,328,632

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

September, 1961

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	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,279,009	132,878	253,759	227,635	179,157	13,780,791	17,853,229	141,551,145
Express	17,305	-	14,974	31,087	1,865	280,583	345,794	2,516,509
Freight	192,568	107,169	58,445	-	18,957	489,757	866,876	7,113,563
Excess baggage	26,479	2,233	10,421	7,141	3,142	67,721	117,157	936,467
Mail	138,736	19,985	42,460	1,530	15,901	802,633	1,021,265	9,523,989
Total unit toll transportation	3,654,097	262,285	380,059	267,393	219,002	15,421,485	20,204,321	161,639,673
Bulk transportation	131,286	12,176	139,242	3,346	316,667	93,539	696,256	5,024,118
Total transportation	3,785,383	274,461	519,301	270,739	535,669	15,515,024	20,900,577	166,663,791
Specialty flying services	-	-	32,655	-	4,058	1,074	37,787	363,057
Total flying services	3,785,383	274,461	551,956	270,739	539,727	15,516,098	20,938,364	167,026,848
Non-flying services	52,023	27,418	28,308	7,497	4,265	74,288	193,799	2,584,693
Total operating revenues	3,837,406	301,879	580,264	278,236	543,992	15,590,386	21,132,163	169,611,541
Operating expenses:								
Flying operations	1,426,014	105,666	227,763	90,339	219,564	3,329,616	5,398,962	45,628,873
Maintenance	720,510	54,064	108,046	85,732	157,903	3,072,238	4,198,513	36,505,064
General services and administrations:								
Passenger service	322,803	12,350	15,451	8,414	15,591	1,163,021	1,537,630	13,572,806
Aircraft and traffic servicing	499,635	42,233	114,289	25,861	17,643	2,259,188	2,958,849	25,661,322
Promotion and sales	608,134	6,544	14,065	42,853	25,713	2,135,020	2,832,329	24,361,552
General administration	183,633	19,927	28,929	22,202	18,987	521,914	795,592	7,460,332
Totals	1,614,205	81,054	172,734	99,330	77,934	6,079,143	8,124,400	71,056,012
Depreciation and amortization	260,458	28,719	53,976	61,309	35,220	1,876,091	2,315,773	18,308,831
Total operating expenses	4,021,187	269,503	562,519	336,730	490,621	14,537,088	20,037,648	171,498,780
Operating income (loss)	Dr. 183,781	32,376	17,745	Dr. 58,494	53,371	1,233,298	1,094,515	Dr. 1,887,239
Non-operating income - net:								
Capital gains and losses	Dr. 54,817	1,636	-	Dr. 646	-	-	Dr. 53,827	Dr. 38,276
Interest and discounts	9,311	5,902	-	15	19	86,281	101,528	1,527,913
Miscellaneous non-operating income	Dr. 12,106	7	1,036	23	50	1,316	Dr. 9,674	40,663
Income before interest expense	Dr. 241,393	39,921	18,781	Dr. 59,102	53,440	1,320,895	1,132,542	Dr. 356,939
Interest expense	-	2,502	9,359	12,728	13,281	882,781	920,651	8,162,215
Income before income taxes	Dr. 241,393	37,419	9,422	Dr. 71,870	40,159	438,114	211,891	Dr. 8,519,154
Provision for income taxes	-	-	50,000	-	-	Cr. 5,229	44,771	95,193
Net income after income taxes	Dr. 241,393	37,419	Dr. 40,578	Dr. 71,830	40,159	443,343	167,120	Dr. 8,614,347

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

September, 1961

	Group I carriers				Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)		
Transportation services										
Unit toll:										
Revenue departures	No.	1,937	12,425	14,362	809	1,178	903	779	3,669	18,031
Revenue hours flown	"	3,869	16,891	20,760	836	1,282	633	939	3,690	24,450
Revenue miles scheduled	"	1,089,369	4,415,952	5,505,321	28,704	159,048	83,850	35,788	307,390	5,812,711
Revenue miles flown:										
Scheduled services - Regular	"	1,078,749	4,332,523	5,411,272	24,540	156,718	81,465	34,484	297,207	5,708,479
Extra section	"	17,851	163,322	181,173	2,515	16,487	2,158	4,264	25,424	206,597
Non-scheduled services	"	60,869	-	60,869	118,393	10,579	28,577	88,120	245,669	306,538
Totals	"	1,157,469	4,495,845	5,653,314	145,448	183,784	112,200	126,868	568,300	6,221,614
Ratio of regular miles flown to miles scheduled		99.0	98.1	...	85.5	98.6	97.2	96.4	...	...
Revenue passengers carried	No.	36,293	344,711	381,004	5,980	11,149	9,268	4,931	31,328	412,332
Revenue goods carried:										
Express	lb.	75,964	875,781	951,745	-	27,676	202,530	12,115	242,321	1,194,066
Freight	"	492,650	3,165,137	3,657,787	1,165,686	378,248	-	121,056	1,664,990	5,322,777
Excess baggage	"	-	-	-	15,298	27,960	47,333	12,830	103,421	103,421 (2)
Mail	"	158,610	2,030,555	2,189,165	110,594	124,755	15,283	48,477	299,109	2,488,274
Totals	"	727,224	6,071,473	6,798,697	1,291,578	558,639	265,146	194,478	2,309,841	9,108,538
Revenue passenger-miles:										
Scheduled services	No.	54,730,501	239,716,448	294,446,949	377,330	3,190,391	1,959,126	479,436	6,006,283	300,453,232
Non-scheduled services	"	1,402,503	-	1,402,503	1,119,653	27,830	641,895	1,459,541	3,248,919	4,651,422
Totals	"	56,133,004	239,716,448	295,849,452	1,496,983	3,218,221	2,601,021	1,938,977	9,255,202	305,104,654
Available seat-miles on scheduled services	"	106,768,152	369,174,586	475,942,738	703,430	7,072,614	3,237,448	..	..	..
Passenger load factor on scheduled services		51.3	64.9	...	51.7	45.1	60.5	..	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	20,343	315,272	335,615	-	9,918	22,150	852	32,920	368,535
Non-scheduled services	"	1,187	-	1,187	-	-	9,951	2,109	12,060	13,247
Totals	"	21,530	315,272	336,802	-	9,918	32,101	2,961	44,980	381,782
Freight - Scheduled services	"	514,323	2,049,222	2,563,545	1,930	113,365	-	1,261	116,556	2,680,101
Non-scheduled services	"	2,996	-	2,996	270,927	1,315	-	19,329	291,571	294,567
Totals	"	517,319	2,049,222	2,566,541	272,857	114,680	-	20,590	408,127	2,974,668

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

September, 1961

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	Group I carriers			Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)		Total (1)
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services	30,598	96,820	127,418	339	4,893	4,579	636	10,447	137,865
Non-scheduled services	108	-	108	1,766	6	2,605	2,609	6,986	7,094
Totals	30,706	96,820	127,526	2,105	4,899	7,184	3,245	17,433	144,959
Mail - Scheduled services	90,401	892,554	982,955	3,757	42,742	314	1,554	48,367	1,031,322
Non-scheduled services	3,863	-	3,863	8,726	99	896	5,236	14,957	18,820
Totals	94,264	892,554	986,818	12,483	42,841	1,210	6,790	63,324	1,050,142
Total - Scheduled services	655,665	3,353,868	4,009,533	6,026	170,918	27,043	4,303	208,290	4,217,823
Non-scheduled services	8,154	-	8,154	281,419	1,420	13,452	29,283	325,574	333,728
Totals	663,819	3,353,868	4,017,687	287,445	172,338	40,495	33,586	533,864	4,551,551
Available ton-miles on scheduled services	13,916,735	49,700,383	63,617,118	71,155	847,011	346,465	92,979	1,357,610	64,974,728
Weight load factor on scheduled services (3)	44.0	55.0	...	61.5	57.8	64.4	56.2	...	...
<u>Bulk:</u>									
Revenue - Departures	48	29	77	52	1,776	10	802	2,640	2,717
Hours flown	226	67	293	68	1,437	19	1,220	2,744	3,037
Miles flown	61,691	25,482	87,173	10,659	153,680	2,843	187,355	354,537	441,710
Passengers carried	1,214	1,060	2,274	552	2,890	56	1,645	5,143	7,417
Freight carried	-	-	-	28,562	352,765	-	1,745,993	2,127,320	2,127,320
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	4	4	-	342	-	10	352	356
<u>Total - All services</u>									
<u>Traffic: (4)</u>									
Revenue:									
Departures	1,985	12,454	14,439	861	2,954	913	1,581	6,309	20,748
Hours flown	4,095	16,962	21,057	904	3,061	652	2,169	6,786	27,843
Miles flown	1,219,160	4,521,327	5,740,487	156,107	337,464	115,043	314,223	922,837	6,663,324
Passengers carried	37,507	345,771	383,278	6,532	14,039	9,324	6,576	36,471	419,749
Cargo carried	568,614	4,040,918	4,609,532	1,194,248	758,689	202,530	1,879,164	4,034,631	8,644,163
Goods carried	727,224	6,071,473	6,798,697	1,320,140	911,404	265,146	1,940,471	4,437,161	11,235,858

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

September, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic (4) - Concluded:									
Non-revenue:	190	311	501	11	172	121	29	333	834
Hours flown	846	..	..	168	177	308	89	742	..
Passengers carried	113,237	..	..	15,065	28,812	..	16,573	60,450	..
Goods carried	1,385,678	11,050,571	12,636,249	40,332	80,937	95,930	60,505	277,704	12,913,953
Passenger-miles	162,847	291,714	454,651	3,158	13,265	-	6,567	22,990	477,641
Goods ton-miles									
Fuel consumed:									
Turbo fuel - Quantity	2,628,647	11,040,766	13,669,413	69,564	-	129,103	-	198,667	13,868,080
Cost	396,938	1,486,181	1,883,119	16,424	-	28,629	-	45,053	1,928,172
Gasoline - Quantity	464,204	612,542	1,076,746	89,796	185,848	11,092	234,576	521,312	1,598,058
Cost	150,741	161,498	312,239	29,740	84,449	4,621	93,344	212,154	524,393
Oil consumed:									
Turbo aircraft - Quantity	567	2,393	2,960	12	-	35	-	47	3,007
Cost	5,825	24,500	30,325	186	-	362	-	548	30,873
Other aircraft - Quantity	4,037	10,881	14,918	1,381	2,321	60	2,126	5,888	20,806
Cost	1,165	9,590	10,755	1,447	2,901	121	2,126	6,595	17,350
Average number of employees:									
Flying personnel	432	1,522	1,954	34	96	64	78	272	2,226
Other personnel	2,271	10,184	12,455	167	347	314	242	1,070	13,525
Totals	2,703	11,706	14,409	201	443	378	320	1,342	15,751
Salaries and wages paid:									
Flying personnel	356,515	1,108,722	1,465,237	23,612	79,804	21,281	45,423	170,120	1,635,357
Other personnel	930,667	4,618,305	5,548,972	56,188	154,099	100,301	95,355	405,943	5,954,915
Totals	1,287,182	5,727,027	7,014,209	79,800	233,903	121,582	140,778	576,063	7,590,272

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I Carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

September, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.	5,418	10,847	9,268	4,305	292,413	351,033
Domestic interline	"	562	-	-	-	52,298	59,963
Foreign interline	"	-	-	-	-	-	-
Totals (2)	"	5,980	10,847	9,268	4,305	344,711	410,996
Revenue express carried:							
Originated	lb.	-	27,676	202,530	12,115	875,781	1,194,066
Domestic interline	"	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-
Totals (2)	"	-	27,676	202,530	12,115	875,781	1,194,066
Revenue freight carried:							
Originated	"	900,819	362,775	-	49,030	3,165,137	4,897,879
Domestic interline	"	-	-	-	-	8,737	8,737
Foreign interline	"	-	-	-	-	-	34,550
Totals (2)	"	900,819	362,775	-	49,030	3,165,137	4,941,166
Revenue excess baggage carried:							
Originated	"	15,298	27,841	47,333	11,770	-	102,242
Domestic interline	"	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-
Totals (2)	"	15,298	27,841	47,333	11,770	-	102,242(3)
Revenue mail carried:							
Originated	"	110,564	122,142	15,283	15,015	2,030,555	2,452,199
Domestic interline	"	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-
Totals (2)	"	110,564	122,142	15,283	15,015	2,030,555	2,452,199

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes Division Interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service
September, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 2,170	596	250	92	3,108	11,254	14,362
Revenue hours flown	" 3,229	2,449	977	605	7,260	13,500	20,760
Revenue miles scheduled	" 694,086	1,087,937	277,213	192,135	2,251,371	3,253,950	5,505,321
Revenue miles flown:							
Scheduled services - Regular	" 685,536	1,050,368	276,785	192,135	2,204,824	3,206,448	5,411,272
Extra sections	" 22,444	6,070	-	-	28,514	152,659	181,173
Non-scheduled services	" -	-	-	-	-	60,869	60,869
Totals	" 707,980	1,056,438	276,785	192,135	2,233,338	3,419,976	5,653,314
Ratio of regular miles flown to miles scheduled	96.8	96.5	99.8	100.0	97.9	98.5	98.3
Revenue passenger-miles	No. 30,065,427	57,417,088	12,828,465	9,490,478	109,801,458	186,047,994	295,849,452
Available seat-miles on scheduled services	" 44,906,083	128,679,222	24,256,560	16,270,985	214,112,850	261,829,888	475,942,738
Passenger load factor on scheduled services	68.3	44.6	52.9	58.3	51.3	70.5	61.9
Revenue goods ton-miles:							
Express	" 49,441	-	-	-	49,441	287,361	336,802
Freight	" 168,985	668,297	129,937	171,430	1,138,649	1,427,892	2,566,541
Excess baggage	" 11,440	26,869	12,104	6,412	56,825	70,701	127,526
Mail	" 28,589	130,205	19,248	36,252	214,294	772,524	986,818
Totals	" 258,455	825,371	161,289	214,094	1,459,209	2,558,478	4,017,687
Available ton-miles on scheduled services	" 5,644,226	17,816,207	2,999,250	2,123,066	28,582,729	35,034,389	63,617,118
Weight load factor on scheduled services (1)	57.8	36.9	48.2	54.8	43.5	60.0	52.6

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

September, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,422	38,729	24,717	392,544
Recreational flying	938	15,420	6,885	145,699
Aerial photography and survey	415	111,455	5,337	1,170,572
Aerial photography (excl. survey)	101	4,556	617	30,347
Aerial pest control	56	2,330	4,725	866,487
Aerial advertising	4	285	74	4,760
Aerial patrol and inspection	1,272	125,895	12,047	1,124,051
Philanthropic	-	-	-	-
Aerial fish cultivation	21	1,782	27	2,357
Geophysical survey	586	86,262	4,769	580,444
Non-transportation charter	-	Dr. 1,491	283	79,138
Other specialty flying	102	7,719	1,233	90,704
Total specialty flying	5,917	392,942	60,714	4,487,103

TABLE 8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV

September, 1961

	Month	Year to date
Revenue hours flown	6,347 (1)	44,386
Average number of aircraft	113	106
Average number of employees:		
Flying personnel	144	192
Other personnel	247	185
Totals	391	377
Salaries and wages paid:		
Flying personnel	112,460	1,047,891
Other personnel	163,467	1,004,585
Totals	275,927	2,052,476
Operating revenues:		
Bulk transportation	820,173	5,068,874
Other flying services	39,354	202,319
Non-flying services	14,130	216,496
Totals	873,657	5,487,689
Operating expenses:		
Flying operations	345,759	2,178,127
Maintenance	113,758	1,017,385
General services and administration ..	100,823	608,615
Depreciation and amortization	90,543	785,994
Totals	650,883	4,590,121
Operating income (Loss)	222,774	897,568
Net income (deficit) after income taxes	208,212	816,659

(1) Estimated - Subject to revision

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
September, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	27,632	27,706	55,338	7,079	12,746	19,825
Bulk transportation	"	-	-	-	1,025	3,400	4,425
Totals	"	27,632	27,706	55,338	8,104	16,146	24,250
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	137,050	596,886	733,936	175,712	689,878	865,590
Bulk transportation	"	-	-	-	-	-	-
Totals	"	137,050	596,886	733,936	175,712	689,878	865,590
Mail carried (Unit toll transportation) ..	"	45,371	109,158	154,529	33,571	83,043	116,614
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	187	192	379	34,898	40,644	75,542
Bulk transportation	"	-	-	-	1,025	3,400	4,425
Totals	"	187	192	379	35,923	44,044	79,967
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	4,032	2,994	7,026	316,794	1,289,758	1,606,552
Bulk transportation	"	-	-	-	-	-	-
Totals	"	4,032	2,994	7,026	316,794	1,289,758	1,606,552
Mail carried (Unit toll transportation) ..	"	691	986	1,677	79,633	193,187	272,820

TABLE 10. Operating Statistics, Canadian Group V Carriers
Third Quarter, 1961

	Quarter	Year to date
Number of reporting carriers	153	..
Bulk transportation:		
Revenue hours flown	No. 20,499	45,638
Revenue passengers carried	" 46,407	96,605
Revenue goods carried	lb. 3,094,483	6,099,003
Specialty flying services:		
Revenue hours flown:		
Flying training	No. 16,776	42,732
Recreational flying	" 2,792	8,762
Aerial photography and survey	" 1,209	1,935
Aerial photography (excl. survey)	" 49	111
Aerial pest control	" 1,202	2,446
Aerial advertising	" -	8
Aerial patrol and inspection	" 1,982	4,894
Philanthropic	" -	-
Aerial fish cultivation	" -	-
Geophysical survey	" 805	1,010
Non-transportation charter	" 556	631
Other specialty flying	" 4,271	8,571
Total specialty flying services	" 29,642	71,100
Total - All services:		
Revenue hours flown	" 50,141	116,733
Non-revenue hours flown	" 2,716	6,955

TABLE 11. Revenues and Expenses, Canadian Group V Carriers
Third Quarter, 1961

	Quarter	Year to date
		dollars
Operating revenues:		
Bulk transportation	1,071,064	2,277,427
Specialty flying services	692,957	1,701,750
Total flying services	1,764,021	3,979,177
Non-flying services	848,427	1,916,557
Total operating revenues	2,612,448	5,895,734
Operating expenses:		
Flying operations	854,337	2,260,998
Maintenance	328,318	863,727
General services and administration	821,731	1,961,082
Depreciation	241,338	619,459
Total operating expenses	2,245,724	5,705,266
Operating income (loss)	366,724	190,468
Non-operating income - net	Dr. 33,723	Dr. 44,123
Income before income taxes	333,001	146,345
Provision for income taxes	34,550	54,669
Net income after income taxes	298,451	91,676

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Limited.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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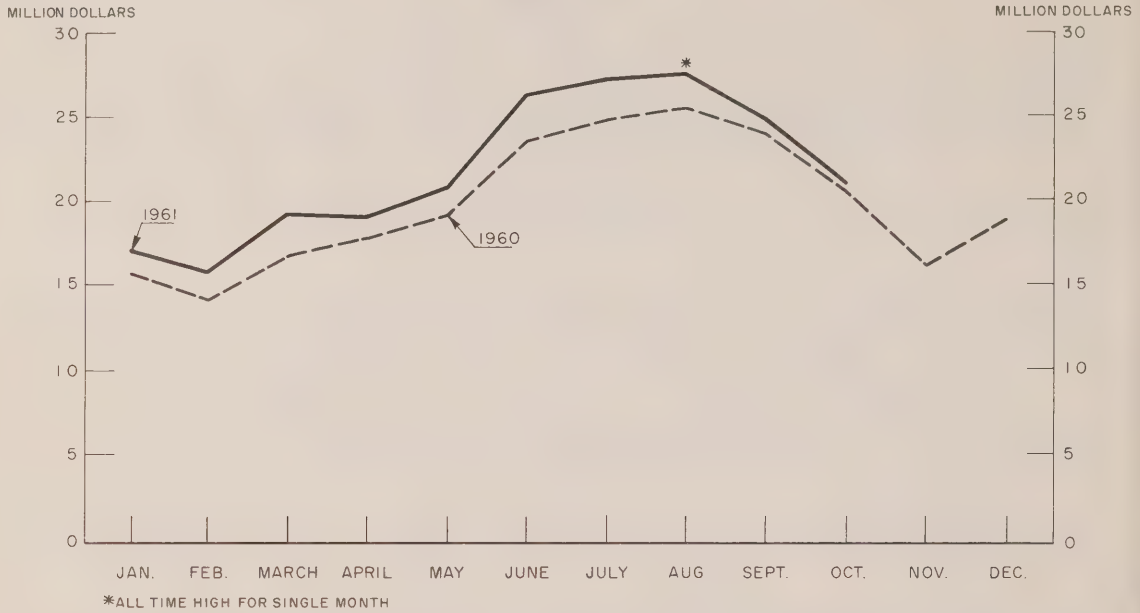
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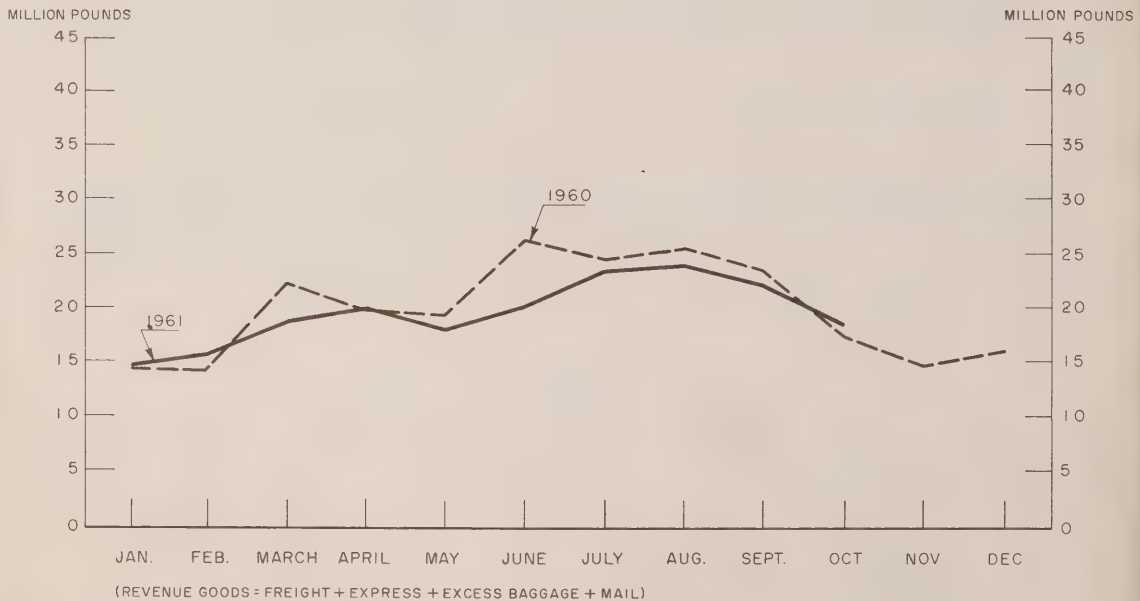
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1960-1961



Introduction

In October, 1961, Canadian air carriers transported 3.4 per cent fewer revenue passengers but 9.5 per cent more revenue goods than in October, 1960. Passengers carried decreased to 431,383 from 446,350, while goods flown increased to 18,425,383 lbs. from 16,824,240 lbs. Revenue miles flown declined 8.8 per cent to 7,748,796 from 8,493,936. Both operating revenues and expenses registered increases, as revenues rose 1.7 per cent to \$20,889,781 from \$20,540,272 and expenses 3.9 per cent to \$21,630,690 from \$20,825,047. As a result the operating deficit for the month increased to \$740,909 from \$284,775. The net deficit, after provision for income taxes and other charges, amounted to \$1,459,659 as against that of \$638,202 in October of the previous year.

In the ten month period, January to October, Canadian air carriers transported 2.8 per cent more revenue passengers in contrast to 4.8 per cent less revenue goods than in the corresponding period of 1960. The number of revenue passengers carried rose to 4,170,162 from 4,056,899, but the volume of goods flown dropped to 194,400,074 lbs. from 204,181,248 lbs. Operating revenues were substantially higher, rising 8.5 per cent to \$219,289,021 from \$202,154,046, whereas operating expenses rose 8.8 per cent to \$217,752,027 from \$200,062,627.

A total of 400,391 or 92.8 per cent of all revenue passengers carried and 10,078,253 lbs. or 54.7 per cent of all revenue goods were transported in unit toll service this month. In October, 1960, 376,994 revenue passengers or 84.5 per cent of the total and 9,140,174 lbs. of revenue goods or 52.9 per cent of the total were carried in this type of service. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

During the month under review, the six scheduled carriers transported 392,090 revenue passengers or 90.9 per cent of the total number carried and 10,171,853 lbs. of revenue goods or 55.2 per cent of the total. Comparable figures for October, 1960 were 370,386 revenue passengers or 83 per cent of the total and 9,359,152 lbs. of revenue goods or 54.2 per cent of the total. The scheduled carriers also accounted for 89 per cent of the operating revenues and 87.9 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for October of the previous year were 88.5 and 86.4 per cent respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In October, 1961 they flew a total of 2,135 revenue hours, an increase of 49.3 per cent from the 1,430 hours flown in October, 1960. The operating revenues increased 49.6 to \$436,802 from \$292,028 while the operating expenses increased 19.1 per cent to \$454,219 from \$381,255. As a result the operating loss for the month decreased sharply to \$17,417 from \$89,227 in the previous October.

Foreign carriers licensed to operate in Canada transported 75,014 revenue passengers compared with 61,838 in October 1960, an increase of 21.3 per cent. The volume of revenue goods flown also rose substantially, climbing to 2,196,193 lbs. from 1,484,881 lbs., a gain of 47.9 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

	Canadian carriers					Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers		
		Group III(1)	Group IV	Total			
Number of carriers reporting ..	6	21	54	75	81	98	...
<u>Transportation services:</u>							
Unit toll:							
Revenue departures	No.	17,423	2,441	902	3,343	20,766	..
Revenue hours flown	"	23,186	2,586	630	3,216	26,402	891
Revenue miles scheduled ...	"	5,475,248	...	...	...	5,475,248	322,358
Revenue miles flown:							
Scheduled services	"	5,533,486(4)	...	...	...	5,533,486(4)	300,315
Non-scheduled services ..	"	302,237(4)	330,439	78,370	408,809	711,046(4)	-
Totals	"	5,835,723	330,439	78,370	408,809	6,244,532	300,315
Revenue passengers carried	"	386,949	9,525	3,917	13,442	400,391	20,086
Revenue goods carried:							
Cargo	1b.	6,526,506	545,482	185,303	730,785	7,257,291	1,127,595
Excess baggage	"	91,858(5)	14,153	18,294(5)	32,447	124,305	-
Mail	"	2,624,189	50,708	21,760	72,468	2,696,657	155,605
Totals	"	9,242,553	610,343	225,357	835,700	10,078,253	928,251
Revenue passenger-miles ...	No.	270,427,114	2,585,811	309,634	2,895,445	273,322,559	16,618,392
Revenue goods ton-miles:							
Cargo	"	3,173,008	130,684	40,067	170,751	3,343,759	393,091
Excess baggage	"	114,194	5,942	879	6,821	121,015	21,719
Mail	"	1,075,820	14,882	1,157	16,039	1,091,859	3,359
Totals	"	4,363,022	151,508	42,103	193,611	4,556,633	25,078
Bulk:							
Revenue - Departure	"	1,325	6,750	7,574	14,324	15,649	..
Hours flown	"	1,713	7,457	5,604	13,061	14,774	56
Miles flown	"	293,535	680,758	529,971	1,210,729	1,504,656	38,256
Passengers carried	"	5,141	13,223	12,628	25,851	30,992	1,388
Freight carried . 1b.		929,300	5,353,138	2,064,692	7,417,830	8,347,130	14,759
<u>Non-transportation services:</u>							
Specialty flying:							
Revenue hours flown	No.	157	1,414	3,580	4,994	5,151	5,151
See footnotes at end of table.							

October, 1961

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	Canadian carriers					Total Canadian carriers	Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers (3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic: (6)										
Revenue:										
Departures	18,748	9,191	8,476	17,667	36,415	..	..	..	..	..
Hours flown	25,056	11,457	9,814	21,271	46,327	567	947	47,841	..	558,774
Miles flown	6,129,258	1,011,197	608,341	1,619,538	7,748,796	139,916	338,571	8,227,283	..	89,220,154
Passengers carried	392,090	22,748	16,545	39,293	431,383	53,540	21,474	506,397	..	4,868,893
Cargo carried	7,455,806	5,898,620	2,249,995	8,148,615	15,604,421	772,646 (7)	1,142,354 (7)	17,643,726 (7)	..	184,188,233 (7)
Goods carried	10,171,853	5,963,481	2,290,049	8,253,530	18,425,383	928,251	1,267,942	20,621,576	..	215,352,511
Non-revenue:										
Hours flown	829	2,953	408	3,361	4,190	-	-	4,190	..	25,307
Passengers carried .....	..	406	11	417	..	699	924	..	..	..
Goods carried .....	..	36,578	-	36,578	..	14,205	88,950	..	..	..
Passenger-miles	16,413,054	216,838	1,529	218,367	16,631,421	26,657	705,079	17,363,157	..	131,503,540
Goods ton-miles	518,615	24,766	-	24,766	543,381	540	25,490	569,411	..	5,413,319
Fuel consumed:										
Turbo fuel - Quantity	12,874,437	-	-	-	12,874,437	481,344	2,399,761	15,755,542	..	147,183,827
Cost	1,818,306	-	-	-	1,818,306	78,758	407,747	2,304,811	..	21,177,565
Gasoline - Quantity	1,428,880	591,112	170,079	761,191	2,190,071	132,890	174,917	2,497,878	..	31,127,629
Cost	457,825	239,503	70,894	310,397	768,222	42,320	40,289	850,831	..	10,443,397
Oil consumed:										
Turbo aircraft - Quantity ..	2,998	-	-	-	2,998	9	93	3,100	..	27,690
Cost	30,500	-	-	-	30,500	54	967	31,521	..	258,415
Other aircraft - Quantity ..	20,157	8,753	3,676	12,429	32,586	600	1,668	34,854	..	429,253
Cost	20,523	14,704	4,547	19,251	39,774	403	1,154	41,331	..	450,694
Average number of employees:										
Flying personnel	2,159	395	248	643	2,802	..	..	..	..	..
Other personnel	13,448	896	517	1,413	14,861	..	..	..	..	..
Totals	15,607	1,291	765	2,056	17,663	277	806	18,746	..	18,800
Salaries and wages paid:										
Flying personnel	1,586,991	262,138	130,519	392,657	1,979,648	..	..	..	..	..
Other personnel	5,934,842	406,631	206,432	613,063	6,547,905	..	..	..	..	..
Totals	7,521,833	668,769	336,951	1,005,720	8,527,553	129,546	332,741	8,989,840	..	89,532,580

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I excess baggage.

(6) Except for hours flown these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

October, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (1)	Total	Group III (1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	14,692,210	664,295	15,356,505	272,354	55,062	327,416	15,683,921	159,838,727
Express	277,239	41,917	319,156	9,176	1,541	10,717	329,873	2,947,893
Freight	628,597	165,150	793,747	78,416	12,436	90,852	884,599	8,785,795
Excess baggage	90,070	19,730	109,800	6,832	1,266	8,098	117,898	1,116,773
Mail	955,933	84,877	1,040,810	21,210	5,188	26,398	1,067,208	11,232,725
Total unit toll transportation	16,644,049	975,969	17,620,018	387,988	75,493	463,481	18,083,499	183,921,913
Bulk transportation:								
Total transportation	276,412	248,684	525,096	968,548	397,446	1,365,994	1,891,090	25,167,834
Specialty flying services	2,157	13,640	15,797	91,291	133,438	224,729	240,526	209,089,747
Total flying services	16,922,618	1,238,293	18,160,911	1,447,827	606,377	2,054,204	20,215,115	4,758,998
Non-flying services	375,924	55,570	431,494	80,187	162,985	243,172	674,666	213,848,745
Total operating revenues	17,298,542	1,293,863	18,592,405	1,528,014	769,362	2,297,376	20,889,781	5,440,276
Operating expenses:								
Flying operations	4,500,176	457,549	4,957,725	717,176	372,340	1,089,516	6,047,241	62,863,085
Maintenance	3,440,676	383,439	3,824,115	557,047	176,781	733,828	4,557,943	47,687,704
General services and administration:								
Passenger service	1,342,494	40,683	1,383,177	..	..	..	..	..
Aircraft and traffic servicing	2,726,432	187,708	2,914,140	..	..	..	..	..
Promotion and sales	2,709,069	86,974	2,796,043	..	..	..	..	..
General administration	779,661	100,507	880,168	..	..	..	..	..
Totals	7,557,656	415,872	7,973,528	373,878	120,461	494,339	8,467,867	83,528,154
Depreciation and amortization	2,108,495	158,677	2,267,172	165,989	124,478	290,467	2,557,639	23,673,084
Total operating expenses	17,607,003	1,415,537	19,022,540	1,814,090	794,060	2,608,150	21,630,690	217,752,027
Operating income (loss)	Dr. 308,461	Dr. 121,674	Dr. 430,135	Dr. 286,076	Dr. 24,698	Dr. 310,774	Dr. 740,909	1,536,994
Non-operating income - net:								
Capital gains and losses	304,630	26,269	330,899	Dr. 25,159	5,584	Dr. 19,575	311,324	368,556
Interest and discounts	90,709	3,327	94,036	756	2,022	2,778	96,814	1,642,742
Miscellaneous non-operating income	Dr. 96,932	20,505	Dr. 76,427	Dr. 13,213	657	Dr. 12,556	Dr. 88,983	Dr. 101,080
Income before interest expense	Dr. 10,054	Dr. 71,573	Dr. 81,627	Dr. 323,692	Dr. 16,435	Dr. 340,127	Dr. 421,754	3,447,212
Interest expense	890,046	31,916	921,962	33,679	11,338	45,017	966,979	9,564,706
Income before income taxes	Dr. 900,100	Dr. 103,489	Dr. 1,003,589	Dr. 357,371	Dr. 27,773	Dr. 385,144	Dr. 1,388,733	Dr. 6,117,494
Provision for income taxes	-	25,000	Dr. 25,000	51,420	Cr. 5,494	45,926	70,926	569,791
Net income after income taxes	Dr. 900,100	Dr. 128,489	Dr. 1,028,589	Dr. 408,791	Dr. 22,279	Dr. 431,070	Dr. 1,459,659	Dr. 6,687,285

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

October, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	2,696,438	97,223	204,084	197,585	165,403	11,995,772	15,356,505	156,907,650
Express	16,802	-	10,185	29,049	2,683	260,437	319,156	2,833,665
Freight	158,626	94,683	44,531	-	25,936	469,971	793,747	7,907,310
Excess baggage	21,272	1,577	9,890	5,930	2,333	68,798	109,800	1,046,287
Mail	127,157	21,899	42,858	1,677	18,443	828,776	1,040,810	10,364,799
Total unit toll transportation	3,020,295	215,382	311,548	234,241	214,798	13,623,754	17,620,018	179,259,691
Bulk transportation	122,463	6,122	40,405	346	201,811	153,949	525,096	5,549,214
Total transportation	3,142,758	221,504	351,953	234,587	416,609	13,777,703	18,145,114	184,808,905
Specialty flying services	-	-	8,738	-	4,902	2,157	15,797	378,854
Total flying services	3,142,758	221,504	360,691	234,587	421,511	13,779,860	18,160,911	185,187,759
Non-flying services	82,178	5,675	36,797	10,244	2,854	293,746	431,494	3,016,187
Total operating revenues	3,224,936	227,179	397,488	244,831	424,365	14,073,606	18,592,405	188,203,946
Operating expenses:								
Flying operations	1,329,691	86,867	111,452	78,235	180,995	3,170,485	4,957,725	50,586,598
Maintenance	592,557	57,391	90,164	81,574	154,310	2,848,119	3,824,115	40,329,179
General services and administrations:								
Passenger service	270,203	9,657	13,628	6,349	11,049	1,072,291	1,383,177	14,955,983
Aircraft and traffic servicing	436,204	36,989	111,783	24,007	14,929	2,290,228	2,914,140	28,575,462
Promotion and sales	595,353	9,062	15,965	35,513	26,434	2,113,716	2,796,043	27,157,595
General administration	174,210	18,912	31,424	24,461	25,710	605,451	880,168	8,340,500
Totals	1,475,970	74,620	172,800	90,330	78,122	6,081,686	7,973,528	79,029,540
Depreciation and amortization	277,367	17,279	45,311	61,767	34,320	1,831,128	2,267,172	20,576,003
Total operating expenses	3,675,585	236,157	419,727	311,906	447,747	13,931,418	19,022,540	190,521,320
Operating income (loss)	Dr. 450,649	Dr. 8,978	Dr. 22,239	Dr. 67,075	Dr. 23,382	142,188	Dr. 430,135	Dr. 2,317,374
Non-operating income - net:								
Capital gains and losses	61,108	26,269	-	-	-	243,522	330,899	292,623
Interest and discounts	10,822	3,275	-	Dr. 2	54	79,887	94,036	1,621,949
Miscellaneous non-operating income	Dr. 78,653	Dr. 328	20,454	333	46	18,279	Dr. 76,427	Dr. 35,764
Income before interest expense	Dr. 457,372	20,238	Dr. 1,785	Dr. 66,744	Dr. 23,282	447,318	Dr. 81,627	Dr. 438,566
Interest expense	-	1,333	7,769	12,632	10,182	890,046	921,962	9,084,177
Income before income taxes	Dr. 457,372	18,905	Dr. 9,554	Dr. 79,376	Dr. 33,464	442,728	Dr. 1,003,589	Dr. 9,522,743
Provision for income taxes	-	-	25,000	-	-	-	25,000	120,193
Net income after income taxes	Dr. 457,372	18,905	Dr. 34,554	Dr. 79,376	Dr. 33,464	442,728	Dr. 1,028,589	Dr. 9,642,936

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

October, 1961

Unit toll:	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services									
Revenue departures	No.	1,784	12,196	13,980	732	1,046	902	763	3,443
Revenue hours flown	"	3,409	16,136	19,545	850	1,204	637	950	3,641
Revenue miles scheduled	"	984,320	4,178,117	5,162,437	28,376	170,257	78,390	35,788	312,811
Revenue miles flown:									
Scheduled services - Regular	"	974,756	4,115,578	5,090,334	22,366	155,793	75,275	33,492	286,926
Extra section	"	8,238	136,847	145,085	1,724	7,013	1,196	1,208	11,141
Non-scheduled services	"	46,363	-	46,363	112,327	9,397	38,504	95,446	255,674
Totals	"	1,029,557	4,252,425	5,281,982	136,417	172,203	114,975	130,146	553,741
Ratio of regular miles flown to miles scheduled	"	99.0	98.5	...	78.8	91.5	96.0	93.6	...
Revenue passengers carried	No.	30,767	329,887	360,654	4,243	8,917	8,691	4,444	26,295
Revenue goods carried:									
Express	1b.	76,736	818,181	894,917	-	28,131	182,813	13,278	224,222
Freight	"	496,842	3,423,552	3,920,394	944,490	389,865	43,360	152,618	1,486,973
Excess baggage .....	"	..	..	..	10,602	25,344	16,337	12,552	91,858
Mail	"	157,713	2,123,790	2,281,503	121,862	142,844	61,643	61,643	342,686
Totals	"	731,291	6,365,523	7,096,814	1,076,954	586,184	242,510	240,091	2,145,739
Revenue passenger-miles:									
Scheduled services	No.	48,112,951	213,592,822	261,705,773	264,879	2,381,887	1,748,954	371,130	4,766,850
Non-scheduled services	"	1,167,151	-	1,167,151	791,388	26,197	595,624	1,374,131	2,787,340
Totals	"	49,280,102	213,592,822	262,872,924	1,056,267	2,408,084	2,344,578	1,748,261	7,554,190
Available seat-miles on scheduled services	"	97,221,727	340,700,984	437,922,711	626,340	6,164,750	3,009,452	..	..
Passenger load factor on scheduled services	"	49.5	62.7	...	42.3	38.6	58.1	..	...
Revenue goods ton-miles:									
Express - Scheduled services	No.	20,414	292,620	313,034	-	9,368	20,425	654	30,447
Non-scheduled services	"	996	-	996	-	-	9,893	2,687	12,580
Totals	"	21,410	292,620	314,030	-	9,368	30,318	3,341	43,027
Freight - Scheduled services	"	507,963	1,947,560	2,455,523	1,331	104,529	-	1,359	107,219
Non-scheduled services	"	2,080	-	2,080	230,147	809	-	20,173	251,129
Totals	"	510,043	1,947,560	2,457,603	231,478	105,338	-	21,532	358,348
Revenue goods ton-miles:									
Express - Scheduled services	No.	20,414	292,620	313,034	-	9,368	20,425	654	30,447
Non-scheduled services	"	996	-	996	-	-	9,893	2,687	12,580
Totals	"	21,410	292,620	314,030	-	9,368	30,318	3,341	43,027
Freight - Scheduled services	"	507,963	1,947,560	2,455,523	1,331	104,529	-	1,359	107,219
Non-scheduled services	"	2,080	-	2,080	230,147	809	-	20,173	251,129
Totals	"	510,043	1,947,560	2,457,603	231,478	105,338	-	21,532	358,348

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

October, 1961

- 11 -

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):	23,538	75,289	98,827	192	4,829	4,311	543	9,875	108,702
Excess baggage - Scheduled services . No.									
Non-scheduled services	83	-	83	1,412	7	2,147	1,843	5,409	5,492
Totals	23,621	75,289	98,910	1,604	4,836	6,458	2,386	15,284	114,194
Mail - Scheduled services	85,622	914,973	1,000,595	4,005	46,541	327	1,447	52,320	1,052,915
Non-scheduled services	3,750	-	3,750	10,813	137	814	7,391	19,155	22,905
Totals	89,372	914,973	1,004,345	14,818	46,678	1,141	8,838	71,475	1,075,820
Total - Scheduled services	637,537	3,230,442	3,867,979	5,528	165,267	25,063	4,003	199,861	4,067,840
Non-scheduled services	6,909	-	6,909	242,372	953	12,854	32,094	286,273	295,182
Totals	644,446	3,230,442	3,874,888	247,900	166,220	37,917	36,097	488,134	4,363,022
Available ton-miles on scheduled services	12,704,136	45,651,301	58,355,437	63,357	780,810	322,768	80,983	1,247,918	59,603,355
Weight load factor on scheduled services (3)	42.9	53.9	...	50.5	51.7	62.0	50.8	...	...
<u>Bulk:</u>									
Revenue - Departures	40	53	93	28	843	3	358	1,232	1,325
Hours flown	227	119	346	33	612	3	719	1,367	1,713
Miles flown	59,849	43,137	102,986	5,085	64,884	462	120,118	190,549	293,535
Passengers carried	672	2,191	2,863	338	1,074	2	864	2,278	5,141
Freight carried	75,372	-	75,372	3,362	222,434	-	628,132	853,928	929,300
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	8	8	-	136	-	13	149	157
<u>Total - All services</u>									
Traffic: (4)									
Revenue:									
Departures	1,824	12,249	14,073	760	1,889	905	1,121	4,675	18,748
Hours flown	3,636	16,263	19,899	883	1,952	640	1,682	5,157	25,056
Miles flown	1,089,406	4,295,562	5,384,968	141,502	237,087	115,437	250,264	744,290	6,129,258
Passengers carried	31,439	332,078	363,517	4,581	9,991	8,693	5,308	28,573	392,090
Cargo carried	648,950	4,241,733	4,890,683	947,852	640,430	182,813	794,028	2,565,123	7,455,806
Goods carried	806,663	6,365,523	7,172,186	1,080,316	808,618	242,510	868,223	2,999,667	10,171,853

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
October, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic (4) - Concluded:									
Non-revenue:									
Hours flown	186	324	510	34	134	101	50	319	829
Passengers carried	1,674	..	..	192	170	143	117	622	..
Goods carried	111,352	..	..	25,959	35,483	-	14,277	75,719	..
Passenger-miles	5,003,373	11,158,634	16,162,007	47,214	73,912	44,954	84,967	251,047	16,413,054
Goods ton-miles	168,377	329,652	498,029	5,264	9,864	-	5,458	20,586	518,615
Fuel consumed:									
Turbo fuel - Quantity	2,416,284	10,356,797	12,773,081	-	-	101,356	-	101,356	12,874,437
Cost	385,517	1,414,496	1,800,013	-	-	18,293	-	18,293	1,818,306
Gasoline - Quantity	457,194	480,447	937,641	120,249	144,517	7,215	219,258	491,239	1,428,880
Cost	143,760	118,511	262,271	40,762	65,202	2,581	87,009	195,554	457,825
Oil consumed:									
Turbo aircraft - Quantity	446	2,483	2,929	-	-	69	-	69	2,998
Cost	4,439	25,028	29,467	-	-	1,033	-	1,033	30,500
Other aircraft - Quantity	5,634	9,100	14,734	1,209	1,702	250	2,262	5,423	20,157
Cost	6,190	8,185	14,375	1,261	2,128	497	2,262	6,148	20,523
Average number of employees:									
Flying personnel	424	1,481	1,905	36	81	61	76	254	2,159
Other personnel	2,197	10,164	12,361	156	355	337	239	1,087	13,448
Totals	2,621	11,645	14,266	192	436	398	315	1,341	15,607
Salaries and wages paid:									
Flying personnel	339,338	1,090,516	1,429,854	30,002	63,498	21,525	42,112	157,137	1,586,991
Other personnel	905,079	4,601,804	5,506,883	53,346	155,001	126,187	93,425	427,959	5,934,842
Totals	1,244,417	5,692,320	6,936,737	83,348	218,499	147,712	135,537	585,096	7,521,833

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I Carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

October, 1961

- 13 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	25,123	3,820	8,673	8,691	3,936	280,087	330,330
Domestic interline	3,145	423	-	-	-	49,800	55,582
Foreign interline	2,214	-	-	-	-	-	-
Totals (2)	30,482	4,243	8,673	8,691	3,936	329,887	385,912
Revenue express carried:							
Originated	76,736	-	28,131	182,813	13,278	818,181	1,119,139
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	76,736	-	28,131	182,813	13,278	818,181	1,119,139
Revenue freight carried:							
Originated	417,772	634,187	373,682	-	55,205	3,423,552	4,904,398
Domestic interline	8,880	-	-	-	-	-	8,880
Foreign interline	46,907	-	-	-	-	-	46,907
Totals (2)	473,559	634,187	373,682	-	55,205	3,423,552	4,960,185
Revenue excess baggage carried:							
Originated .....	..	10,602	25,238	43,360	9,607	..	88,807
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals (2) .....	..	10,602	25,238	43,360	9,607	..	88,807 (3)
Revenue mail carried:							
Originated	157,713	121,862	140,399	16,337	18,113	2,123,790	2,578,214
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	157,713	121,862	140,399	16,337	18,113	2,123,790	2,578,214

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I Carriers.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

October, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 2,144	455	267	89	2,955	11,025	13,980
Revenue hours flown	" 3,145	1,699	1,014	542	6,400	13,145	19,545
Revenue miles scheduled	" 668,106	743,464	287,834	205,265	1,904,669	3,257,768	5,162,437
Revenue miles flown:							
Scheduled services - Regular	" 662,173	731,157	287,834	205,265	1,886,429	3,203,905	5,090,334
Extra sections	" 38,671	23,651	2,582	-	64,904	80,181	145,065
Non-scheduled services	" -	-	-	-	-	46,563	46,563
Totals	" 700,844	754,808	290,416	205,265	1,951,333	3,330,649	5,281,982
Ratio of regular miles flown to miles scheduled	99.1	98.3	100.0	100.0	99.0	98.3	98.6
Revenue passenger-miles	No. 29,824,536	51,382,420	13,862,835	9,564,675	104,634,466	158,238,458	262,872,924
Available seat-miles on scheduled services	" 45,235,503	93,194,616	25,943,364	20,633,622	185,007,105	252,915,606	437,922,711
Passenger load factor on scheduled services	65.9	55.1	53.4	46.4	56.6	62.6	60.0
Revenue goods ton-miles:							
Express	No. 46,597	-	-	-	46,597	267,433	314,030
Freight	" 172,119	529,349	161,943	172,165	1,035,576	1,422,027	2,457,603
Excess baggage	" 6,493	21,276	14,187	3,200	45,156	53,754	98,910
Mail	" 30,256	134,339	22,732	31,336	218,663	785,682	1,004,345
Totals	" 255,465	684,964	198,862	206,701	1,345,992	2,528,896	3,874,888
Available ton-miles on scheduled services	" 5,787,785	12,998,436	3,235,068	2,777,926	24,799,215	33,556,222	58,355,437
Weight load factor on scheduled services (1)	55.9	48.5	49.0	41.9	47.6	54.3	51.5

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service
October, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,292	37,735	27,204	431,561
Recreational flying	899	17,061	7,845	163,736
Aerial photography and survey	159	80,664	5,496	1,251,236
Aerial photography (excl. survey)	212	13,990	829	44,337
Aerial pest control	8	Dr. 1,629	4,733	864,858
Aerial advertising	11	937	85	5,697
Aerial patrol and inspection	1,293	58,718	13,424	1,184,371
Philanthropic	-	-	-	-
Aerial fish cultivation ..	12	1,034	39	3,391
Geophysical survey	165	17,690	4,934	598,134
Non-transportation charter	45	5,400	328	84,538
Other specialty flying	55	6,935	1,288	97,639
Total specialty flying	5,151	238,535	66,205	4,729,498

TABLE 8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV
October, 1961

	Month	Year to date
Revenue hours flown	2,135	46,472
Average number of aircraft	114	108
Average number of employees:		
Flying personnel	133	188
Other personnel	232	189
Totals	365	377
Salaries and wages paid:		
Flying personnel	90,699	1,162,236
Other personnel	140,004	1,159,598
Totals	230,703	2,321,834
Operating revenues:		
Bulk transportation	338,046	5,513,441
Other flying services	11,076	213,395
Non-flying services	87,680	304,176
Totals	436,802	6,031,012
Operating expenses:		
Flying operations	202,772	2,423,607
Maintenance	99,986	1,117,371
General services and administration ..	84,682	705,297
Depreciation and amortization	66,779	854,960
Totals	454,219	5,101,235
Operating income (Loss)	Dr. 17,417	929,777
Net income (deficit) after income taxes	Dr. 126,847	739,438

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
October, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	28,444	26,450	54,894	8,057	10,264	18,321
Bulk transportation	"	-	-	-	341	1,047	1,388
Totals	"	28,444	26,450	54,894	8,398	11,311	19,709
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	125,339	653,353	778,692	176,049	926,077	1,102,126
Bulk transportation	"	-	-	-	14,533	226	14,759
Totals	"	125,339	653,353	778,692	190,582	926,303	1,116,885
Mail carried (Unit toll transportation) ..	"	42,587	113,018	155,605	35,439	88,846	124,285
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	210	201	411	36,711	36,915	73,626
Bulk transportation	"	-	-	-	341	1,047	1,388
Totals	"	210	201	411	37,052	37,962	75,014
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	16,819	2,604	19,423	318,207	1,582,034	1,900,241
Bulk transportation	"	-	-	-	14,533	226	14,759
Totals	"	16,819	2,604	19,423	332,740	1,582,260	1,915,000
Mail carried (Unit toll transportation) ..	"	763	540	1,303	78,789	202,404	281,193

CIVIL AVIATION DEFINITIONS

- Unit Toll Transportation: Transportation of passengers or goods at a toll per unit. It includes:
- (i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and
 - (ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
- Bulk Transportation: Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
- Specialty Flying Services: Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
- Scheduled Carriers: Carriers operating some unit toll scheduled service.
- Non-Scheduled Carriers: Carriers not operating any unit toll scheduled service.
- Revenue Classification of Canadian Carriers:
- Group I Carriers: Trans-Canada Air Lines and Canadian Pacific Air Lines.
 - Group II Carriers: All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Limited.
 - Group III Carriers: All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
 - Group IV Carriers: All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
 - Group V Carriers: All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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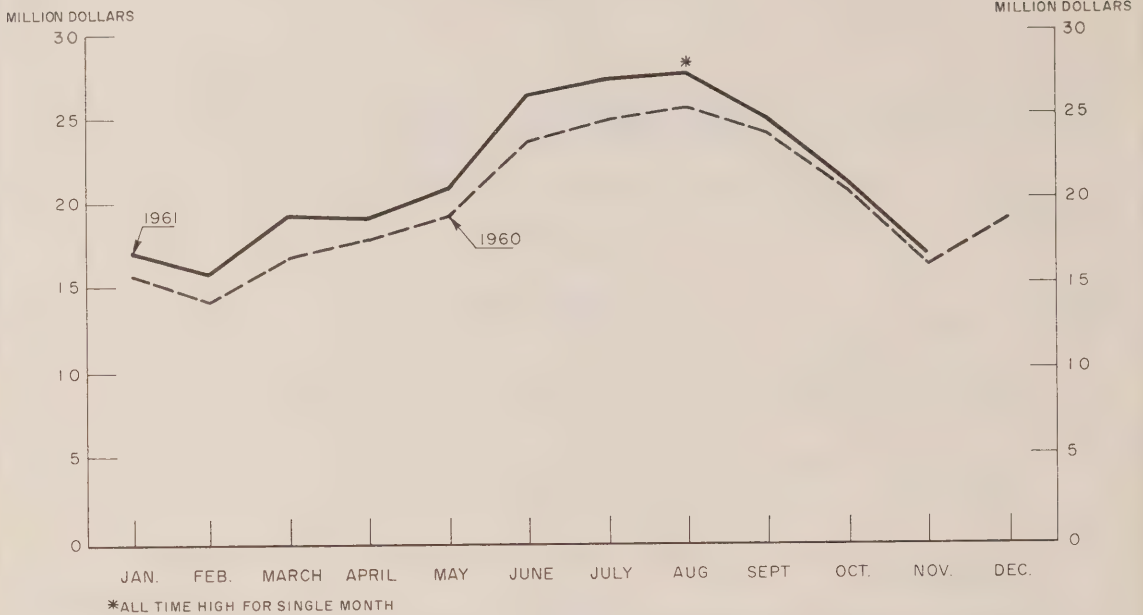
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SYMBOLS

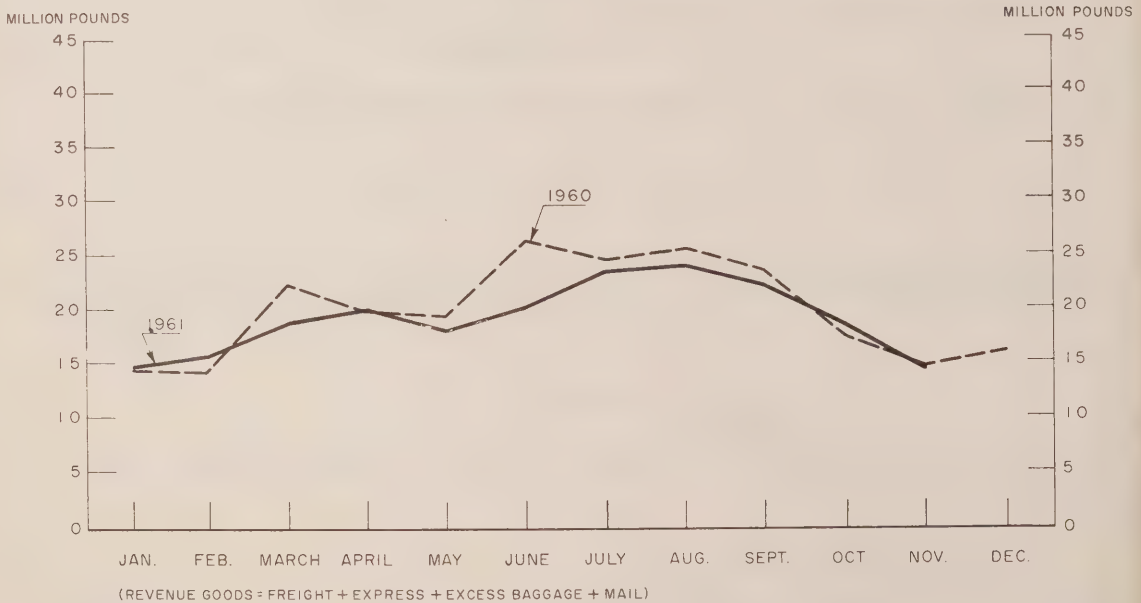
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- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1960-1961



Introduction

In November, Canadian air carriers transported 10.9 per cent more revenue passengers, while the volume of revenue goods handled was virtually unchanged. Passengers carried increased to 360,229 from 324,913 and revenue goods flown aggregated 14,385,851 lbs. as compared with 14,444,841 lbs. in November of the previous year. Revenue miles flown declined 4.7 per cent to 6,351,196 from 6,663,926. Operating revenues rose 3.5 per cent to \$16,743,963 from \$16,178,552 and operating expenses dropped slightly to \$19,617,760 from \$19,722,628. As a result the operating loss for the month amounted to \$2,873,797 as compared to \$3,544,076 in November, 1960. The deficit, after provision for income taxes and other charges decreased to \$3,761,760 from \$3,964,873.

For the first eleven months of 1961, Canadian air carriers transported 5 per cent more revenue passengers and 2.7 per cent less revenue goods than in the corresponding period of 1960. The number of revenue passengers rose to 4,601,545 from 4,381,812, but the volume of goods flown dropped 2.7 per cent to 212,825,457 lbs. from 218,626,089 lbs. During the same period, operating revenues increased 8.2 per cent to \$236,071,830 from \$218,246,833, as compared with an increase of 8 per cent in operating expenses which rose to \$237,378,206 from \$219,739,017.

A total of 346,410 or 96.2 per cent of all revenue passengers and 9,891,620 lbs. or 68.8 per cent of all revenue goods were transported in unit toll service during the month under review. In November, 1960, 309,814 revenue passengers or 95.4 per cent of the total and 9,468,914 lbs. of revenue goods or 64.1 per cent of the total were carried in this type of service. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

During the month under review, the six scheduled carriers transported 335,560 revenue passengers or 93.2 per cent of the total number carried and 9,389,109 lbs. of revenue goods or 65.3 per cent of the total. Comparable figures for November, 1960 were 305,332 revenue passengers or 94 per cent of the total and 9,403,306 lbs. of revenue goods or 63.6 per cent of the total. The scheduled carriers also accounted for 91.2 per cent of the operating revenues and 88.2 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for November of the previous year were 81.6 per cent and 85.3 per cent respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 75 per cent of all commercial helicopters in Canada. In November, 1961, they flew a total of 1,313 revenue hours, an increase of 36.3 per cent from the 961 hours flown in November, 1960. The operating revenues increased 11.1 per cent to \$279,089 from \$251,147 while the operating expenses decreased 17.6 per cent. Consequently, the operating loss for the month dropped substantially to \$189,915 from that of \$317,730 in the previous November.

Foreign carriers licensed to operate in Canada transported 55,325 revenue passengers compared with 45,556 in November 1960, an increase of 21.4%. The volume of revenue goods handled also increased sharply, rising to 1,799,284 lbs. from 1,457,248 lbs., a gain of 23.5 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

November, 1961

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ..	6	21	55	76	82	9	8	99	...
<u>Transportation services:</u>									
Unit toll:									
Revenue departures	16,076	1,759	537	2,296	18,372	..	..	..	..
Revenue hours flown	20,989	2,006	315	2,321	23,310	492	626	24,428	317,423
Revenue miles scheduled ...	4,968,890	...	...	...	4,968,890	127,691	241,220	5,337,801	65,930,571
Revenue miles flown:									
Scheduled services	4,965,713(4)	...	...	...	4,965,713(4)	123,564	238,948	5,328,225(4)	66,405,393(4)
Non-scheduled services ..	274,764(4)	264,197	40,342	304,539	579,303(4)	-	-	579,303(4)	8,598,853(4)
Totals	5,240,477	264,197	40,342	304,539	5,545,016	123,564	238,948	5,907,528	75,004,246
Revenue passengers carried	335,560	7,984	2,866	10,850	346,410	44,122	10,441	400,973	4,871,664
Revenue goods carried:									
Cargo	6,464,442	383,839	29,617	413,456	6,877,898	693,012	1,052,463	8,734,811	90,571,148
Excess baggage	80,692(5)	16,454	14,292	30,746	111,438(5)	160,191	121,500	3,183,975	34,386,113
Mail	2,843,975	39,921	18,388	58,309	2,902,284	853,203	1,173,963	11,918,786	124,957,261
Totals	9,389,109	440,214	62,297	502,511	9,891,620				
Revenue passenger-miles ...	210,225,556	2,038,409	213,966	2,252,375	212,477,931	1,918,610	8,583,972	222,980,513	3,091,580,660
Revenue goods ton-miles:									
Cargo	3,284,883	123,730	3,059	126,789	3,411,672	17,247	388,010	3,923,643	38,411,955
Excess baggage	103,695	2,388	631	3,019	106,714	2,963	104,195	1,305,793	13,051,788
Mail	1,184,099	12,935	1,601	14,536	1,198,635	20,210	492,205	5,229,436	51,463,743
Totals	4,572,677	139,053	5,291	144,344	4,717,021				
Bulk:									
Revenue - Departure	1,003	2,310	3,394	5,704	6,707	..	..	..	..
Hours flown	1,561	3,136	2,702	5,838	7,399	2	33	7,434	207,186
Miles flown	254,476	294,101	257,603	551,704	806,180	340	8,780	815,300	20,982,295
Passengers carried	2,590	5,452	5,777	11,229	13,819	225	537	14,581	413,579
Freight carried . 1b.	1,623,329	2,169,378	701,524	2,870,902	4,494,231	-	53,809	4,548,040	107,345,833
<u>Non-transportation services:</u>									
Specialty flying:									
Revenue hours flown	75	711	3,507	4,218	4,293	-	-	4,293	70,606

see footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

November, 1961

	Canadian carriers						Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers			Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Groups I and II(1)	Group III(1)	Group IV	Total							
Total - All services:											
Traffic:(6)											
Revenue:											
Departures	17,079	4,069	3,931	8,000			23,079				
Hours flown	22,625	5,853	6,524	12,377			35,002				
Miles flown	5,494,953	558,298	297,945	856,243			6,351,196				
Passengers carried	338,150	13,436	8,643	22,079			360,229				
Cargo carried	8,087,771	2,553,217	731,141	3,284,358			11,372,129				
Goods carried	11,012,438	2,609,592	763,821	3,373,413			14,385,851				
Non-revenue:											
Hours flown	906	468	198	666			1,572				
Passengers carried .....	..	185	5	190			..			
Goods carried	11,779,407	114,648	563	115,211			11,894,618				
Passenger-miles	480,170	-	-	-			480,170				
Goods ton-miles											
Fuel consumed:											
Turbo fuel - Quantity gal.	11,368,495	-	-	-			11,368,495				
Cost	1,604,748	-	-	-			1,604,748				
Gasoline - Quantity	1,265,359	358,901	93,752	452,653			1,718,012				
Cost	415,359	134,625	34,233	168,858			584,217				
Oil consumed:											
Turbo aircraft - Quantity gal.	2,976	-	-	-			2,976				
Cost	29,281	-	-	-			29,281				
Other aircraft - Quantity gal.	17,270	5,819	1,785	7,604			24,874				
Cost	14,575	7,851	2,259	10,110			24,685				
Average number of employees:											
Flying personnel	2,127	365	220	585			2,712				
Other personnel	13,406	867	489	1,356			14,762				
Totals	15,533	1,232	709	1,941			17,474				
Salaries and wages paid:											
Flying personnel	1,568,835	212,353	109,924	322,277			1,891,112				
Other personnel	5,940,001	360,720	576,333	576,333			6,516,334				
Totals	7,508,836	593,073	305,537	898,610			8,407,446				

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I excess baggage.

(6) Except for hours flown these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

November, 1961

	Scheduled carriers				Non-scheduled carriers				Grand total	Year to date
	Group I	Group II(1)		Total	Group III(1)	Group IV		Total		
	dollars									
Operating revenues:										
Unit toll transportation:										
Passengers	11,572,430	568,946	12,141,376	208,367	37,333	245,700	12,387,076	172,225,888		
Express	260,800	42,699	303,499	6,126	682	6,808	310,307	3,258,200		
Freight	716,379	195,316	911,695	63,124	1,749	64,873	976,568	9,769,514		
Excess baggage	68,854	15,969	84,823	5,285	912	6,197	91,020	1,207,793		
Mail	975,500	90,005	1,065,505	24,453	5,181	29,634	1,095,139	12,327,864		
Total unit toll transportation	13,593,963	912,935	14,506,898	307,355	45,857	353,212	14,860,110	198,789,259		
Bulk transportation	117,622	326,727	444,349	470,213	246,711	716,924	1,161,273	26,355,174		
Total transportation	13,711,585	1,239,662	14,951,247	777,568	292,568	1,070,136	16,021,383	225,144,433		
Other flying services	1,581	4,629	6,210	159,285	66,263	225,548	231,758	4,991,588		
Total flying services	13,713,166	1,244,291	14,957,457	936,853	358,831	1,295,684	16,253,141	230,136,021		
Non-flying services	264,469	46,170	310,639	81,865	98,318	180,183	490,822	5,935,809		
Total operating revenues	13,977,635	1,290,461	15,268,096	1,018,718	457,149	1,475,867	16,743,963	236,071,830		
Operating expenses:										
Flying operations	3,972,714	544,186	4,516,900	600,025	302,522	902,547	5,419,447	68,271,764		
Maintenance	2,868,919	400,963	3,269,882	425,619	170,787	596,406	3,866,288	51,560,486		
General services and administration:										
Passenger service	1,210,797	43,300	1,254,097	..	..	..	..	..
Aircraft and traffic servicing	2,590,006	192,177	2,782,183	..	..	..	..	..
Promotion and sales	2,402,751	89,686	2,492,437	..	..	..	..	..
General administration	695,820	87,412	783,232	..	..	..	..	..
Totals	6,899,374	412,575	7,311,949	342,107	145,917	488,024	7,799,973	91,340,408		
Depreciation and amortization	2,020,423	189,618	2,210,041	211,271	110,740	322,011	2,532,052	26,205,548		
Total operating expenses	15,761,430	1,547,342	17,308,772	1,579,022	729,966	2,308,988	19,617,760	237,378,206		
Operating income (loss)	Dr. 1,783,795	Dr. 256,881	Dr. 2,040,676	Dr. 560,304	Dr. 272,817	Dr. 833,121	Dr. 2,873,797	Dr. 1,306,376		
Non-operating income - net:										
Capital gains and losses	26,519	2,073	24,446	248	12,607	12,359	12,087	380,643		
Interest and discounts	69,616	3,065	72,681	3	371	368	72,313	1,715,055		
Miscellaneous non-operating income	Dr. 72,827	Dr. 2,300	Dr. 75,127	Dr. 5,450	Dr. 2,184	Dr. 3,266	Dr. 78,393	179,473		
Income before interest expense	Dr. 1,760,487	Dr. 258,189	Dr. 2,018,676	Dr. 565,503	Dr. 283,611	Dr. 849,114	Dr. 2,867,790	609,849		
Interest expense	889,531	30,598	920,129	24,821	9,312	34,133	954,262	10,518,968		
Income before income taxes	Dr. 2,650,018	Dr. 288,787	Dr. 2,938,805	Dr. 590,324	Dr. 292,923	Dr. 883,247	Dr. 3,822,052	Dr. 9,909,119		
Provision for income taxes	-	15,000	15,000	Cr. 63,348	Cr. 11,944	Cr. 75,292	Cr. 60,292	509,499		
Net income after income taxes	Dr. 2,650,018	Dr. 303,787	Dr. 2,953,805	Dr. 526,976	Dr. 280,979	Dr. 807,955	Dr. 3,761,760	Dr. 10,418,618		

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

November, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	2,154,119	77,078	180,082	193,287	118,499	9,418,311	12,141,376	169,049,026
Express	15,408	-	12,426	28,424	1,849	245,392	303,499	3,137,164
Freight	191,116	117,911	58,264	-	19,141	525,263	911,695	8,819,005
Excess baggage	18,023	1,583	6,577	6,307	1,502	50,831	84,823	1,131,090
Mail	123,258	23,972	45,379	2,050	18,604	852,242	1,065,505	11,630,304
Total unit toll transportation	2,501,924	220,544	302,728	230,068	159,595	11,092,039	14,506,898	193,766,589
Bulk transportation	98,522	4,385	63,864	590	257,888	19,100	444,349	5,993,563
Total transportation	2,600,446	224,929	366,592	230,658	417,483	11,111,139	14,951,247	199,760,152
Other flying services	-	-	440	-	5,069	1,581	6,210	385,064
Total flying services	2,600,446	224,929	366,152	230,658	422,552	11,112,720	14,957,457	200,145,216
Non-flying services	83,002	4,122	34,998	5,315	1,735	181,467	310,639	3,326,826
Total operating revenues	2,683,448	229,051	401,150	235,973	424,287	11,294,187	15,268,096	203,472,042
Operating expenses:								
Flying operations	1,230,270	78,872	178,091	88,055	199,168	2,742,444	4,516,900	55,103,498
Maintenance	505,848	65,865	100,137	70,004	164,957	2,363,071	3,269,882	43,599,061
General services and administrations:								
Passenger service	267,588	8,325	13,798	7,426	13,751	943,209	1,254,097	16,210,080
Aircraft and traffic servicing	477,556	37,783	111,985	23,850	18,559	2,112,450	2,782,183	31,357,845
Promotion and sales	544,298	7,702	14,405	43,130	24,449	1,856,453	2,492,437	29,650,032
General administration	171,611	18,193	31,079	18,564	19,599	524,209	783,232	9,123,732
Totals	1,461,053	72,003	171,267	92,947	76,358	5,438,321	7,311,949	86,341,489
Depreciation and amortization	243,786	37,173	50,965	62,758	38,722	1,776,637	2,210,041	22,786,044
Total operating expenses	3,440,957	253,913	500,460	313,764	479,205	12,320,473	17,308,772	207,830,092
Operating income (loss)	Dr. 757,509	Dr. 24,862	Dr. 99,310	Dr. 77,791	Dr. 54,918	Dr. 1,026,286	Dr. 2,040,676	Dr. 4,358,050
Non-operating income - net:								
Capital gains and losses	26,519	2,073	-	-	-	-	24,446	317,069
Interest and discounts	13,708	3,069	-	Dr. 33	29	55,908	72,681	1,694,630
Miscellaneous non-operating income	Dr. 75,468	338	Dr. 2,956	202	116	2,641	Dr. 75,127	Dr. 110,891
Income before interest expense	Dr. 792,750	Dr. 23,528	Dr. 102,266	Dr. 77,622	Dr. 54,773	Dr. 967,737	Dr. 2,018,676	Dr. 2,457,242
Interest expense	-	627	7,123	13,807	9,041	889,531	920,129	10,004,306
Income before income taxes	Dr. 792,750	Dr. 24,155	Dr. 109,389	Dr. 91,429	Dr. 63,814	Dr. 1,857,268	Dr. 2,938,805	Dr. 12,461,548
Provision for income taxes	-	-	15,000	-	-	-	15,000	135,193
Net income after income taxes	Dr. 792,750	Dr. 24,155	Dr. 124,389	Dr. 91,429	Dr. 63,814	Dr. 1,857,268	Dr. 2,953,805	Dr. 12,596,741

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

November, 1961

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services									
Unit toll:									
Revenue departures	No.	1,671	11,204	746	1,086	885	484	3,201	16,076
Revenue hours flown	"	3,180	14,389	869	1,237	604	710	3,420	20,989
Revenue miles scheduled	"	924,269	3,742,895	27,860	138,880	78,390	36,596	301,726	4,968,890
Revenue miles flown:									
Scheduled services - Regular	"	918,907	3,683,799	23,362	153,792	75,812	33,120	286,086	4,888,792
Extra section	"	997	70,290	693	4,941	-	-	5,634	76,921
Non-scheduled services	"	42,380	-	113,964	14,300	33,341	70,779	232,384	274,764
Totals	"	962,284	3,754,089	138,019	173,033	109,153	103,899	524,104	5,240,477
Ratio of regular miles flown to miles scheduled		99.4	98.4	83.9	96.8	96.7	90.5	...	...
Revenue passengers carried	No.	25,924	286,220	3,690	8,268	8,250	3,208	23,416	335,560
Revenue goods carried:									
Express	lb.	70,827	784,778	-	23,647	165,886	12,356	201,889	1,057,494
Freight	"	504,624	3,428,489	937,241	436,101	-	80,493	1,473,835	5,406,948
Excess baggage	"	-	-	11,363	17,404	45,238	6,687	80,682	80,692 (2)
Mail	"	169,997	2,333,770	139,510	144,693	16,887	39,118	340,208	2,843,575
Totals	"	745,448	6,547,037	1,108,114	621,845	228,011	138,654	2,096,624	9,389,109
Revenue passenger-miles:									
Scheduled services	No.	35,926,919	166,849,295	242,057	2,131,822	1,620,394	334,550	4,328,823	207,103,037
Non-scheduled services	"	934,299	-	635,345	33,843	547,596	969,436	2,186,220	3,120,519
Totals	"	36,861,218	166,849,295	877,402	2,165,665	2,167,990	1,303,986	6,515,043	210,223,556
Available seat-miles on scheduled services	"	90,347,871	296,071,123	625,430	6,149,936	2,980,736	...	...	...
Passenger load factor on scheduled services		39.8	56.4	38.7	34.7	54.4	...	...	...
Revenue goods ton-miles:									
Express - Scheduled services	No.	18,839	275,723	-	8,584	18,267	711	27,562	322,124
Non-scheduled services	"	648	-	-	-	9,973	2,276	12,249	12,897
Totals	"	19,487	275,723	-	8,584	28,240	2,987	39,811	335,021
Freight - Scheduled services	"	535,273	2,047,701	1,547	112,847	-	939	115,333	2,698,307
Non-scheduled services	"	2,242	-	228,770	1,437	-	19,106	249,313	251,555
Totals	"	537,515	2,047,701	230,317	114,284	-	20,045	364,646	2,949,862

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

November, 1961

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	Group I carriers			Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)		Total (1)
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	19,186	71,790	90,976	241	3,009	4,024	346	7,620	98,596
Non-scheduled services	190	-	190	1,317	29	2,238	1,325	4,909	5,099
Totals	19,376	71,790	91,166	1,558	3,038	6,262	1,671	12,529	103,695
Mail - Scheduled services	90,051	1,016,100	1,106,151	4,626	48,023	319	1,677	54,645	1,160,796
Non-scheduled services	4,052	-	4,052	12,132	385	1,145	5,589	19,251	23,303
Totals	94,103	1,016,100	1,110,203	16,758	48,408	1,464	7,266	73,896	1,184,099
Total - Scheduled services	663,349	3,411,314	4,074,663	6,414	172,463	22,610	3,673	205,160	4,279,823
Non-scheduled services	7,132	-	7,132	242,219	1,851	13,356	28,296	285,722	292,854
Totals	670,481	3,411,314	4,081,795	248,633	174,314	35,966	31,969	490,882	4,572,677
Available ton-miles on scheduled services	11,913,960	39,986,483	51,900,443	63,265	753,195	319,322	74,364	1,210,146	53,110,589
Weight load factor on scheduled services (3)	35.7	50.3	...	48.4	51.2	57.8	50.0	...	...
Bulk:									
Revenue - Departures	32	29	61	13	711	2	216	942	1,003
Hours flown	179	45	224	21	529	1	786	1,337	1,561
Miles flown	40,414	10,136	50,550	3,334	57,187	202	143,203	203,926	234,476
Passengers carried	140	685	825	52	914	1	798	1,765	2,590
Freight carried	295,343	-	295,343	14,950	426,619	1,000	885,417	1,327,986	1,623,329
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	7	7	-	53	-	15	68	75
<u>Total - All services</u>									
Traffic: (4)									
Revenue:									
Departures	1,703	11,233	12,936	759	1,797	887	700	4,143	17,079
Hours flown	3,359	14,441	17,800	890	1,819	605	1,511	4,825	22,625
Miles flown	1,002,698	3,764,225	4,766,923	141,353	230,220	109,355	247,102	728,030	5,494,953
Passengers carried	26,064	286,905	312,969	3,742	9,182	8,251	4,006	25,181	338,150
Cargo carried	870,794	4,213,267	5,084,061	972,191	886,367	166,886	978,266	3,003,710	8,087,771
Goods carried	1,040,791	6,547,037	7,587,828	1,123,064	1,048,464	229,011	1,024,071	3,424,610	11,012,438

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

November, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic(4) - Concluded:									
Non-revenue:									
Hours flown	244	368	612	31	135	59	69	294	906
Passengers carried	1,083	..	..	140	190	171	88	589	..
Goods carried	102,164	..	..	27,886	38,396	-	9,992	76,274	..
Passenger-miles	2,301,560	9,254,675	11,556,235	30,380	82,195	51,073	59,524	223,172	11,779,407
Goods ton-miles	152,637	303,311	455,948	5,551	14,598	-	4,073	24,222	480,170
Fuel consumed:									
Turbo fuel - Quantity	2,344,111	8,910,194	11,254,305	-	-	114,190	-	114,190	11,368,495
Cost	353,906	1,221,858	1,575,764	-	-	28,984	-	28,984	1,604,748
Gasoline - Quantity	408,778	360,445	769,223	120,795	144,672	4,965	225,704	496,136	1,265,359
Cost	134,768	82,566	217,334	39,922	66,749	3,506	87,848	198,025	415,359
Oil consumed:									
Turbo aircraft - Quantity	303	2,518	2,821	-	-	155	-	155	2,976
Cost	3,023	24,855	27,878	-	-	1,403	-	1,403	29,281
Other aircraft - Quantity	5,160	6,209	11,369	1,729	1,659	251	2,262	5,901	17,270
Cost	4,605	3,683	8,288	1,721	2,074	230	2,262	6,287	14,575
Average number of employees:									
Flying personnel	400	1,481	1,881	33	80	62	71	246	2,127
Other personnel	2,183	10,141	12,324	159	353	332	238	1,082	13,406
Totals	2,583	11,622	14,205	192	433	394	309	1,328	15,533
Salaries and wages paid:									
Flying personnel	316,533	1,109,915	1,426,448	20,821	61,900	21,604	38,062	142,387	1,568,835
Other personnel	916,358	4,600,488	5,516,846	55,082	152,047	120,324	95,702	423,155	5,940,001
Totals	1,232,891	5,710,403	6,943,294	75,903	213,947	141,928	133,764	565,542	7,508,836

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I Carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

November, 1961

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	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	21,213	3,318	7,962	8,250	3,104	250,227	294,074
Domestic interline	2,449	372	-	-	-	35,993	40,850
Foreign interline	2,036	-	-	-	-	-	-
Totals (2)	25,698	3,690	7,962	8,250	3,104	286,220	334,924
Revenue express carried:							
Originated	70,827	-	23,647	165,886	12,356	784,778	1,057,494
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	70,827	-	23,647	165,886	12,356	784,778	1,057,494
Revenue freight carried:							
Originated	392,526	695,902	410,746	-	50,963	3,428,489	4,978,626
Domestic interline	10,863	-	-	-	-	-	10,863
Foreign interline	71,764	-	-	-	-	-	71,764
Totals (2)	475,153	695,902	410,746	-	50,963	3,428,489	5,061,253
Revenue excess baggage carried:							
Originated .....	..	11,363	17,056	45,238	6,507	..	80,164
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals (2) .....	..	11,363	17,056	45,238	6,507	..	80,164(3)
Revenue mail carried:							
Originated	169,997	139,510	138,473	16,887	18,930	2,333,770	2,817,567
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	169,997	139,510	138,473	16,887	18,930	2,333,770	2,817,567

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3)

Excludes Group I Carriers

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

November, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	1,702	341	273	77	2,393	10,482	12,875
Revenue hours flown	2,429	1,244	1,006	457	5,136	12,433	17,569
Revenue miles scheduled	551,092	535,603	291,575	184,205	1,562,475	3,104,689	4,667,164
Revenue miles flown:							
Scheduled services - Regular	541,896	535,603	291,147	184,205	1,552,851	3,049,855	4,602,706
Extra sections	8,432	-	5,716	-	14,148	57,139	71,287
Non-scheduled services	-	-	-	-	-	42,380	42,380
Totals	550,328	535,603	296,863	184,205	1,566,999	3,149,374	4,716,373
Ratio of regular miles flown to miles scheduled	98.3	100.0	99.9	100.0	99.4	98.2	98.6
Revenue passenger-miles	24,034,522	27,016,177	13,721,673	7,444,898	72,217,270	131,493,243	203,710,513
Available seat-miles on scheduled services	38,204,343	65,233,904	27,155,704	19,231,856	149,825,807	236,593,187	386,418,994
Passenger load factor on scheduled services	62.9	41.4	50.5	38.7	48.2	55.2	52.5
Revenue goods ton-miles:							
Express	48,422	-	-	-	48,422	246,788	295,210
Freight	164,933	514,122	165,886	208,150	1,053,091	1,532,125	2,585,216
Excess baggage	8,837	19,987	11,990	3,840	44,654	46,512	91,166
Mail	31,251	155,197	22,477	33,355	242,280	867,923	1,110,203
Totals	253,443	689,306	200,353	245,345	1,388,447	2,693,348	4,081,795
Available ton-miles on scheduled services	5,040,218	8,925,549	3,510,678	2,657,768	20,134,213	31,766,230	51,900,443
Weight load factor on scheduled services (1)	52.7	38.0	44.8	37.2	42.8	49.6	46.9

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

November, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,173	37,106	29,377	468,667
Recreational flying	728	12,471	8,577	176,360
Aerial photography and survey	193	75,087	5,689	1,326,323
Aerial photography (excl. survey)	24	2,384	853	46,721
Aerial pest control	-	-	4,733	860,413
Aerial advertising	19	481	104	6,178
Aerial patrol and inspection	500	57,011	13,924	1,241,382
Philanthropic	-	-	-	-
Aerial fish cultivation	2	102	41	3,493
Geophysical survey	274	43,095	5,208	641,229
Non-transportation charter	-	-	422	87,161
Other specialty flying	380	9,361	1,678	107,000
Total specialty flying	4,293	237,098	70,606	4,964,927

TABLE 8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV

November, 1961

	Month	Year to date
Revenue hours flown	1,313	47,785
Average number of aircraft	112	109
Average number of employees:		
Flying personnel	130	182
Other personnel	227	193
Totals	357	375
Salaries and wages paid:		
Flying personnel	82,507	1,244,743
Other personnel	137,207	1,296,805
Totals	219,714	2,541,548
Operating revenues:		
Bulk transportation	180,221	5,693,662
Other flying services	17,221	230,616
Non-flying services	81,647	385,823
Totals	279,089	6,310,101
Operating expenses:		
Flying operations	205,317	2,628,924
Maintenance	100,152	1,217,523
General services and administration ..	67,559	772,856
Depreciation and amortization	95,976	950,936
Totals	469,004	5,570,239
Operating income (Loss)	Dr. 189,915	739,862
Net income (deficit) after income taxes	Dr. 187,077	552,361

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service

November, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	23,447	21,559	45,006	4,168	4,917	9,085
Bulk transportation	"	76	149	225	132	405	537
Totals	"	23,523	21,708	45,231	4,300	5,322	9,622
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	119,948	578,881	698,829	257,198	769,224	1,026,422
Bulk transportation	"	-	-	-	10,800	43,009	53,809
Totals	"	119,948	578,881	698,829	267,998	812,233	1,080,231
Mail carried (Unit toll transportation) ..	"	45,149	115,042	160,191	41,279	78,965	120,244
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	247	225	472	27,862	26,701	54,563
Bulk transportation	"	-	-	-	208	554	762
Totals	"	247	225	472	28,070	27,255	55,325
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	19,271	953	20,224	396,417	1,349,058	1,745,475
Bulk transportation	"	-	-	-	10,800	43,009	53,809
Totals	"	19,271	953	20,224	407,217	1,392,067	1,799,284
Mail carried (Unit toll transportation) ..	"	691	565	1,256	87,119	194,572	281,691

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: (i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and (ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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CIVIL AVIATION. *L*

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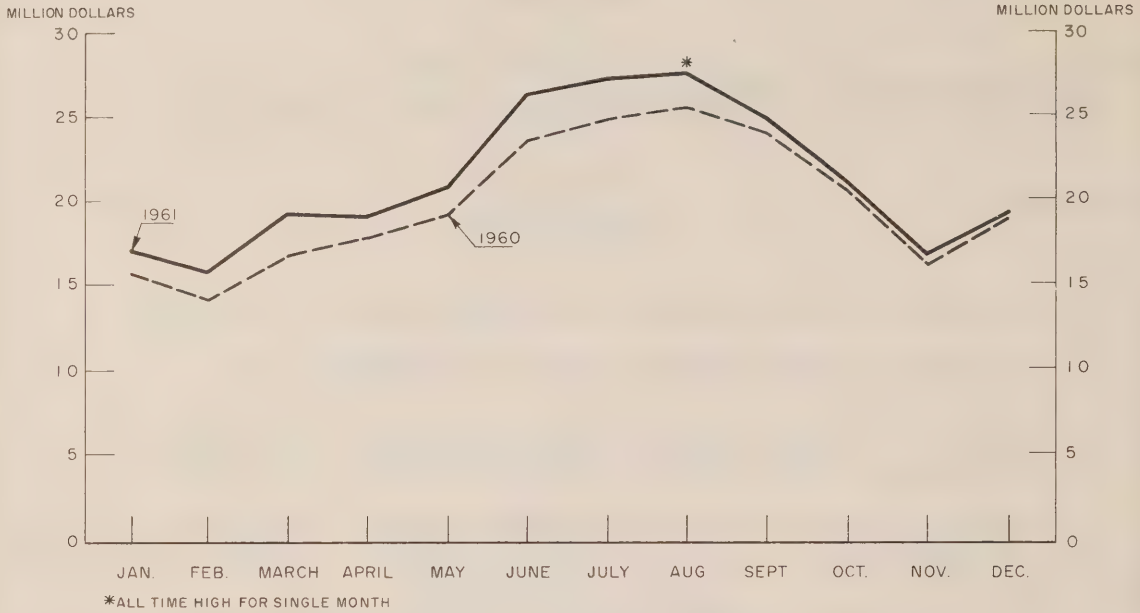
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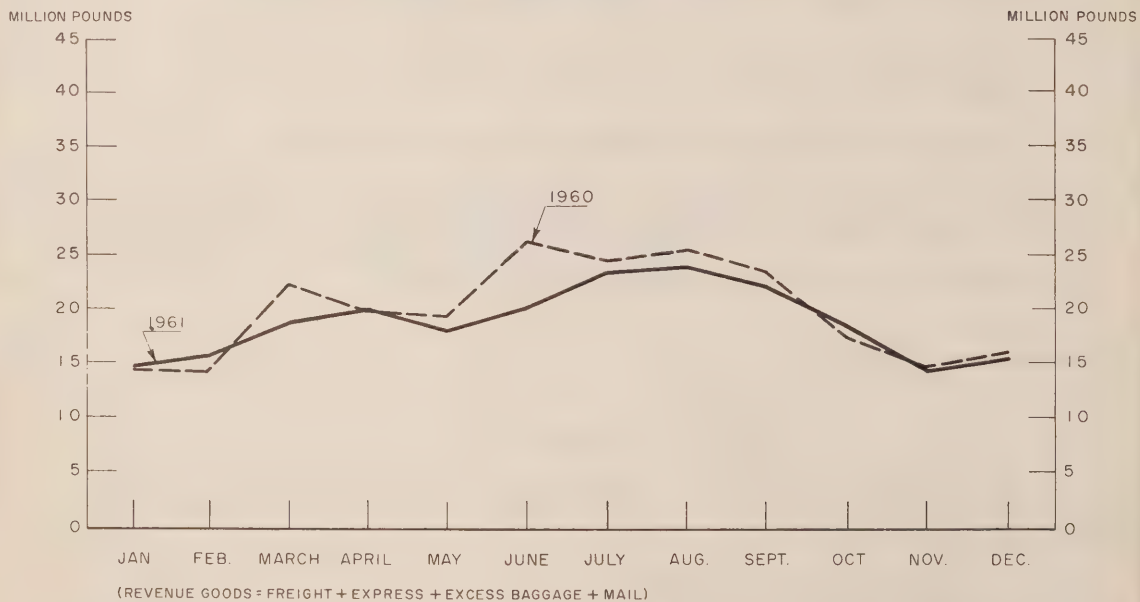
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- ... Figures are not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1960-1961



Introduction

In December, 1961, Canadian air carriers transported 14.8 per cent more revenue passengers, but 1.5 per cent less revenue goods than in December 1960. Passengers carried increased to 390,018 from 339,745, while goods flown decreased to 15,371,526 lbs. from 15,607,793 lbs. Revenue miles flown declined 4.1 per cent to 6,893,003 from 7,189,522. Both operating revenues and expenses registered increases, as revenue rose 1.4 per cent to \$19,136,738 from \$18,868,028 and expenses 2.9 per cent to \$19,969,401 from \$19,414,825. As a result the operating loss for the month increased to \$880,342 from \$546,797. The deficit, after provision for income taxes and other charges, amounted to \$2,147,553 as against that of \$1,721,774 in December of the previous year.

During the year 1961, Canadian air carriers transported 5.6 per cent more revenue passengers in contrast to 2.8 per cent less revenue goods than in 1960. The number of revenue passengers carried rose to 4,991,563 from 4,726,849, but the volume of goods flown dropped to 228,196,983 lbs. from 234,744,383 lbs. Operating revenues for the year were substantially higher rising 7.5 per cent to \$255,224,889 from \$237,429,895, whereas operating expenses rose 7.6 per cent to \$257,369,110 from \$239,205,991.

For the month of December, 96.1 per cent of the total revenue passengers and 74 per cent of the total revenue goods were transported in unit toll service compared with 95.9 per cent of the passengers and 68.8 per cent of the goods during the same period last year. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

In December, the six scheduled carriers transported 363,417 revenue passengers or 93.2 per cent of the total number carried and 11,687,739 lbs. of revenue goods or 76 per cent of the total. In December of the previous year 93.9 per cent of the revenue passengers and 66.7 per cent of the revenue goods were transported by the scheduled carriers.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 75 per cent of all commercial helicopters in Canada. In December, 1961 they flew a total of 888 revenue hours as compared with 738 in December, 1960. Operating revenues totalled \$245,553 and operating expenses amounted to \$558,594, compared with revenues of \$184,949 and expenses of \$402,459 in December of the previous year.

Tables 10 and 11 cover operations of the Group V carriers which report quarterly. The information presented in these two tables is excluded from all other tables of the report. During the fourth quarter of 1961 these carriers transported 21,393 revenue passengers as against 17,702 and 1,623,597 lbs. of revenue goods as compared with 1,240,015 lbs. in the corresponding period of 1960.

Foreign carriers licensed to operate in Canada transported 63,595 revenue passengers in December 1961 as compared with 50,833 in the same month of 1960, an increase of 25.1 per cent, while the volume of revenue goods flown rose to 1,725,634 lbs. from 1,618,772 lbs., an increase of 6.6 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

December, 1961

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ..	6	18	50	68	74	9	8	91	...	
<u>Transportation services:</u>										
Unit toll:										
Revenue departures	16,997	2,346	772	3,118	20,115	..	..	..	..	344,054
Revenue hours flown	22,487	2,468	467	2,935	25,422	453	756	26,631	..	71,401,988
Revenue miles scheduled ...	5,089,618	...	...	...	5,089,618	118,159	263,640	5,471,417	..	72,123,589
Revenue miles flown:									..	9,302,012
Scheduled services	5,332,539(4)	...	...	...	5,332,539(4)	111,352	274,305	5,718,196(4)	..	81,425,601
Non-scheduled services ..	331,790(4)	312,537	58,832	371,369	703,159(4)	-	-	703,159(4)	..	5,309,215
Totals	5,664,329	312,537	58,832	371,369	6,035,698	111,352	274,305	6,421,355	..	99,456,034
Revenue passengers carried	360,879	10,040	4,077	14,117	374,996	47,931	14,624	437,551	..	39,015,215
Revenue goods carried:									..	138,471,249
Cargo	6,527,384	448,028	108,333	556,361	7,083,745	730,458	961,225	8,884,886(7)	..	3,356,586,534
Excess baggage	76,413(7)	12,487	20,558	33,045	109,458(7)	215,989	225,529	4,629,102	..	42,472,988
Mail	3,977,542	182,625	27,417	210,042	4,187,584	946,447	1,186,754	13,513,988	..	14,826,255
Totals	10,581,339	643,140	156,308	799,448	11,380,787	946,447	1,186,754	13,513,988	..	57,299,243
Revenue passenger-miles ...	248,468,101	2,476,720	304,879	2,781,599	251,249,700	2,103,713	11,652,461	265,005,874	..	42,472,988
Revenue goods ton-miles:									..	14,826,255
Cargo	3,400,491	129,987	29,207	159,194	3,559,685	17,520	349,559	4,061,033	..	57,299,243
Excess baggage	128,247	5,042	980	6,022	134,269	3,950	98,849	1,774,467	..	214,697
Mail	1,634,526	35,457	1,685	37,142	1,671,668	3,950	98,849	1,774,467	..	21,866,877
Totals	5,163,264	170,486	31,872	202,358	5,365,622	21,470	448,408	5,835,500	..	429,815
Bulk:									..	111,420,953
Revenue - Departure	757	2,400	3,469	5,869	6,626	..	..	..	..	74,026
Hours flown	1,213	2,993	3,086	6,079	7,292	-	14	7,306	..	74,026
Miles flown	196,318	335,084	325,903	660,987	857,305	-	4,800	862,105	..	74,026
Passengers carried	2,538	6,253	6,231	12,484	15,022	-	1,040	16,062	..	74,026
Freight carried . lb.	1,106,400	1,921,692	962,647	2,884,339	3,990,739	-	33,951	4,024,690	..	74,026
<u>Non-transportation services:</u>										
Specialty flying:									..	74,026
Revenue hours flown	51	332	3,037	3,369	3,420	-	-	3,420	..	74,026

See footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

December, 1961

	Canadian carriers						Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
		Group III(1)	Group IV	Total							
Total - All services:											
Traffic: (5)											
Revenue:											
Departures	No.	17,754	4,746	4,241	8,987	26,741					
Hours flown	"	23,751	5,793	6,590	12,383	36,134					
Miles flown	"	5,860,647	647,621	384,735	1,032,356	6,893,003					
Passengers carried	"	363,417	16,293	10,308	26,601	390,018					
Cargo carried	lb.	7,633,784	2,369,720	1,070,980	3,440,700	11,074,484					
Goods carried	"	11,687,739	2,564,832	1,118,955	3,683,787	15,371,526					
Non-revenue:											
Hours flown	No.	714	601	197	798	1,512					
Passengers carried	"	..	158	27	185	..					
Goods carried	lb.	..	16,892	2,800	19,692	..					
Passenger-miles	"	11,443,867	78,636	3,807	82,443	11,526,310					
Goods ton-miles	"	369,533	9,639	288	9,927	379,460					
Fuel consumed:											
Turbo fuel - Quantity	gal.	12,331,116	-	-	-	12,331,116					
Cost	\$	1,769,696	-	-	-	1,769,696					
Gasoline - Quantity	gal.	1,241,818	449,277	116,303	565,580	1,807,398					
Cost	\$	425,855	157,631	48,621	206,252	632,107					
Oil consumed:											
Turbo aircraft - Quantity gal.	gal.	4,089	-	-	-	4,089					
Cost	\$	36,993	-	-	-	36,993					
Other aircraft - Quantity gal.	gal.	18,172	5,839	1,434	7,273	25,445					
Cost	\$	18,565	7,597	1,876	9,473	28,038					
Average number of employees:											
Flying personnel	No.	2,110	385	194	579	2,689					
Other personnel	"	13,346	771	475	1,246	14,592					
Totals	"	15,456	1,156	669	1,825	17,281					
Salaries and wages paid:											
Flying personnel	\$	1,543,177	253,222	110,356	363,578	1,906,755					
Other personnel	\$	6,153,105	344,789	199,190	543,979	6,697,084					
Totals	\$	7,696,282	598,011	309,546	907,557	8,603,839					

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Except for hours flown these data relate to transportation services only.

(6) Includes excess baggage.

(7) Excludes Group I excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

December, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (1)	Total	Group III (1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers	13,751,568	663,706	14,415,274	254,469	52,549	307,018	14,722,292	186,948,180
Express	347,875	42,324	390,199	10,153	2,109	12,262	402,461	3,660,661
Freight	877,465	194,316	1,071,781	68,145	6,492	74,637	1,146,418	10,915,932
Excess baggage	101,945	14,129	116,074	5,862	1,392	7,254	123,328	1,331,121
Mail	1,325,658	133,361	1,459,019	82,915	6,831	89,746	1,548,765	13,876,609
Total unit toll transportation	16,404,511	1,047,836	17,452,347	421,544	69,373	490,917	17,943,264	216,732,523
Bulk transportation:								
Total transportation	95,353	238,273	333,626	573,539	221,600	795,139	1,128,765	27,500,226
Other flying services	16,499,864	1,286,109	17,785,973	995,083	290,973	1,286,056	19,072,029	244,232,749
Total flying services	669	5,050	5,719	69,990	65,532	135,522	141,241	5,132,829
Non-flying services	Dr. 333,513	1,291,159	17,791,692	1,065,073	356,505	1,421,578	19,213,270	249,365,578
Total operating revenues	16,167,020	1,321,632	17,488,652	1,184,788	463,298	1,648,086	19,136,738	255,224,889
Operating expenses:								
Flying operations	4,240,834	355,868	4,596,702	537,028	270,952	807,980	5,404,682	73,685,033
Maintenance	3,010,608	464,250	3,474,858	296,197	267,967	564,164	4,039,022	55,598,955
General services and administration:								
Passenger service	1,286,277	47,359	1,333,636	..	..	..	..	..
Aircraft and traffic servicing	2,307,808	222,492	2,530,300	..	..	..	..	..
Promotion and sales	2,682,134	88,457	2,770,591	..	..	..	..	..
General administration	766,645	159,764	926,409	..	..	..	..	..
Totals	7,042,864	518,072	7,560,936	404,217	277,264	681,481	8,242,417	99,592,414
Depreciation and amortization	2,173,854	21,723	2,152,131	72,809	58,340	131,149	2,283,280	28,492,708
Total operating expenses	16,468,160	1,316,467	17,784,627	1,310,251	874,523	2,184,774	19,969,401	257,369,110
Operating income (loss)	Dr. 301,140	5,165	Dr. 295,975	Dr. 125,463	Dr. 411,225	Dr. 536,688	Dr. 832,663	Dr. 2,144,221
Non-operating income - net:								
Capital gains and losses	Dr. 1,012,948	27,894	Dr. 985,054	70,056	Dr. 1,401	68,655	Dr. 916,399	Dr. 535,756
Interest and discounts	77,749	125,179	202,928	10,185	2,760	12,945	215,873	1,930,928
Miscellaneous non-operating income	Dr. 36,136	31,958	Dr. 4,178	Dr. 6,810	11,598	4,788	610	Dr. 178,863
Income before interest expense	Dr. 1,272,475	190,196	Dr. 1,082,279	Dr. 52,032	Dr. 398,268	Dr. 450,300	Dr. 1,532,579	Dr. 927,912
Interest expense	900,035	40,362	Dr. 940,397	32,572	12,454	45,026	985,423	11,504,503
Income before income taxes	Dr. 2,172,510	149,834	Dr. 2,022,676	Dr. 84,604	Dr. 410,722	Dr. 495,326	Dr. 2,518,002	Dr. 12,432,415
Provision for income taxes	-	Cr. 81,671	Cr. 81,671	Cr. 284,734	Cr. 47,256	Cr. 331,990	Cr. 413,661	88,417
Net income after income taxes	Dr. 2,172,510	231,505	Dr. 1,941,005	200,130	Dr. 363,466	Dr. 163,336	Dr. 2,104,341	Dr. 12,520,832

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

December, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	2,483,891	90,059	215,745	228,955	128,947	11,267,677	14,415,274	183,464,300
Express	14,912	-	58,175	27,388	1,953	332,963	390,199	3,527,363
Freight	158,025	113,462	18,175	-	22,679	719,440	1,071,781	9,890,786
Excess baggage	21,231	1,668	5,349	5,996	1,116	80,714	116,074	1,247,164
Mail	169,488	30,189	49,517	27,895	25,760	1,156,170	1,459,019	13,089,323
Total unit toll transportation	2,847,547	235,378	341,569	290,434	180,455	13,556,964	17,452,347	211,218,936
Bulk transportation	83,570	5,370	58,591	-	174,312	11,783	333,626	6,327,189
Total transportation	2,931,117	240,748	400,160	290,434	354,767	13,568,747	17,785,973	217,546,125
Other flying services	-	-	1,521	-	3,529	669	5,719	390,783
Total flying services	2,931,117	240,748	401,681	290,434	358,296	13,569,416	17,791,692	217,936,908
Non-flying services	84,709	8,551	33,436	3,042	2,546	418,222	303,040	3,023,786
Total operating revenues	3,015,826	232,197	435,117	293,476	360,842	13,151,194	17,488,652	220,960,694
Operating expenses:								
Flying operations	1,399,649	109,710	130,318	93,525	22,315	2,841,185	4,596,702	59,700,200
Maintenance	322,403	132,235	93,377	80,419	158,219	2,688,205	3,474,858	47,073,919
General services and administrations:								
Passenger service	281,828	9,372	14,652	7,467	15,868	1,004,449	1,333,636	17,543,716
Aircraft and traffic servicing	573,916	47,975	122,254	36,627	15,636	1,733,892	2,530,300	33,887,945
Promotion and sales	638,109	10,709	17,195	37,897	22,656	2,044,025	2,770,591	32,420,623
General administration	199,844	68,583	41,565	18,611	31,005	566,801	926,409	10,050,141
Totals	1,693,697	136,639	195,666	100,602	85,165	5,349,167	7,560,936	93,902,425
Depreciation and amortization	263,432	88,503	23,852	63,163	27,469	1,910,422	2,152,131	24,938,175
Total operating expenses	3,679,181	290,081	395,509	337,709	293,168	12,788,979	17,784,627	225,614,719
Operating income (loss)	Dr. 663,355	Dr. 57,884	Dr. 39,608	Dr. 44,233	Dr. 67,674	Dr. 362,215	Dr. 295,975	Dr. 4,654,025
Non-operating income - net:								
Capital gains and losses	Dr. 1,012,948	25,787	-	3	2,104	-	Dr. 985,054	Dr. 667,985
Interest and discounts	17,010	124,957	-	7	229	60,739	202,928	1,897,558
Miscellaneous non-operating income	Dr. 58,088	1,542	30,148	195	73	21,952	Dr. 4,178	Dr. 115,069
Income before interest expense	Dr. 1,717,381	94,402	Dr. 69,756	Dr. 44,042	Dr. 70,080	Dr. 444,906	Dr. 1,082,279	Dr. 3,539,521
Interest expense	-	7,359	9,428	12,982	10,593	900,035	940,397	10,944,703
Income before income taxes	Dr. 1,717,381	87,043	Dr. 60,328	Dr. 57,024	Dr. 59,487	Dr. 455,129	Dr. 2,022,676	Dr. 14,484,224
Provision for income taxes	-	6,829	89,000	-	500	-	Dr. 81,671	53,522
Net income after income taxes	Dr. 1,717,381	80,214	Dr. 149,328	Dr. 57,024	Dr. 58,987	Dr. 455,129	Dr. 1,941,005	Dr. 14,537,746

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

December, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services</u>									
Unit toll:									
Revenue departures	No. 1,722	11,518	13,240	793	1,103	1,060	801	3,757	16,997
Revenue hours flown	" 3,463	15,048	18,511	917	1,303	808	948	3,976	22,487
Revenue miles scheduled	" 1,000,925	3,786,811	4,787,736	27,930	160,512	78,390	35,050	301,882	5,089,618
Revenue miles flown:									
Scheduled services - Regular	" 977,205	3,688,895	4,666,100	23,531	148,946	75,078	33,900	281,455	4,947,555
Extra section	" 28,333	329,381	357,714	5,167	12,942	7,633	1,528	27,270	384,984
Non-scheduled services	" 46,382	-	46,382	117,768	16,507	57,521	93,612	285,408	331,790
Totals	" 1,051,920	4,018,276	5,070,196	146,466	178,395	140,232	129,040	594,133	5,664,329
Ratio of regular miles flown to miles scheduled	97.6	97.4	...	84.2	92.8	95.8	96.7	...	...
Revenue passengers carried	No. 31,334	302,945	334,279	4,963	8,457	9,349	3,831	26,600	360,879
Revenue goods carried:									
Express	lb. 67,486	747,737	815,223	-	27,824	196,258	11,108	235,190	1,050,413
Freight	" 451,771	3,561,077	4,012,848	976,100	357,178	-	130,845	1,464,123	5,476,971
Excess baggage	" 382,789	2,902,685	3,285,474	13,007	13,807	42,319	7,280	76,413	76,413(4)
Mail	" 902,046	7,211,499	8,113,545	186,763	174,533	233,496	97,276	692,068	3,977,562
Totals				1,175,870	573,342	472,073	246,509	2,467,794	10,581,339
Revenue passenger-miles:									
Scheduled services	No. 44,946,424	195,272,605	240,219,029	326,781	2,314,408	1,631,823	362,434	4,635,446	244,854,475
Non-scheduled services	" 1,067,875	-	1,067,875	704,307	35,306	772,913	1,033,225	2,545,751	3,613,626
Totals	" 46,014,299	195,272,605	241,286,904	1,031,088	2,349,714	2,404,736	1,395,659	7,181,197	248,468,101
Available seat-miles on scheduled services	" 100,659,764	323,233,937	423,893,701	736,996	6,552,740	3,035,628	...	...	...
Passenger load factor on scheduled services	44.7	60.4	...	44.3	35.3	53.8	...	...	...
Revenue goods ton-miles:									
Express - Scheduled services	No. 18,180	278,609	296,789	-	9,302	16,665	622	26,589	323,378
Non-scheduled services	" 601	-	601	-	-	12,696	2,126	14,822	15,423
Totals	" 18,781	278,609	297,390	-	9,302	29,361	2,748	41,411	338,801
Freight - Scheduled services	" 459,871	2,230,897	2,690,768	3,014	99,980	-	912	103,906	2,794,674
Non-scheduled services	" 2,372	-	2,372	243,594	2,322	-	18,728	264,644	267,016
Totals	" 462,243	2,230,897	2,693,140	246,608	102,302	-	19,640	368,550	3,061,690

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
December, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (L)	Quebecair Inc. (L)	Transair Ltd. (L)	Total (L)	
<u>Total - All services - Concluded:</u>									
<u>Traffic(3) - Concluded:</u>									
Non-revenue:									
Hours flown	190	274	464	38	105	64	43	250	714
Passengers carried	791	..	..	158	188	101	56	503	..
Goods carried	94,645	..	..	24,885	32,257	-	8,954	66,096	..
Passenger-miles	1,896,769	9,327,116	11,223,885	82,439	68,438	36,972	32,133	219,982	11,443,867
Goods ton-miles	117,121	234,370	351,491	4,789	11,456	-	1,797	18,042	369,533
<u>Fuel consumed:</u>									
Turbo fuel - Quantity	2,571,356	9,599,755	12,171,111	-	-	160,005	-	160,005	12,331,116
Cost	398,506	1,342,571	1,741,077	-	-	28,619	-	28,619	1,769,696
Gasoline - Quantity	432,131	324,070	756,201	131,194	153,315	17,496	183,612	485,617	1,241,818
Cost	151,667	80,845	232,512	43,261	69,932	8,392	71,758	193,343	425,855
<u>Oil consumed:</u>									
Turbo aircraft - Quantity	689	2,799	3,488	-	-	601	-	601	4,089
Cost	6,374	28,674	35,048	-	-	1,945	-	1,945	36,993
Other aircraft - Quantity	5,182	8,208	13,390	1,415	1,732	585	1,050	4,782	18,172
Cost	6,054	7,489	13,543	1,427	2,165	380	1,050	5,022	18,565
<u>Average number of employees:</u>									
Flying personnel	397	1,463	1,860	34	84	62	70	250	2,110
Other personnel	2,155	10,105	12,260	162	358	332	234	1,086	13,346
Totals	2,552	11,568	14,120	196	442	394	304	1,336	15,456
<u>Salaries and wages paid:</u>									
Flying personnel	335,698	1,061,234	1,396,932	22,074	63,359	21,333	39,479	146,245	1,543,177
Other personnel	900,452	4,710,618	5,611,070	167,819	156,901	122,588	94,727	542,035	6,153,105
Totals	1,236,150	5,771,852	7,008,002	189,893	220,260	143,921	134,206	688,280	7,696,282

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

(4) Excludes Group I carriers.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

December, 1961

- 13 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	25,927	4,535	8,153	9,349	3,546	264,223	315,733
Domestic interline	2,612	428	-	-	-	38,722	44,328
Foreign interline	2,566	-	-	-	-	-	-
Totals (2)	31,105	4,963	8,153	9,349	3,546	302,945	360,061
Revenue express carried:							
Originated	67,486	-	27,824	196,528	11,108	747,737	1,050,683
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	67,486	-	27,824	196,528	11,108	747,737	1,050,683
Revenue freight carried:							
Originated	345,346	730,598	322,403	-	40,276	3,561,077	4,999,740
Domestic interline	9,825	-	-	-	-	-	9,825
Foreign interline	62,777	-	-	-	-	-	62,777
Totals (2)	417,988	730,598	322,403	-	40,276	3,561,077	5,072,342
Revenue excess baggage carried:							
Originated .....	..	13,007	13,629	42,319	5,876	..	74,831
Domestic interline .....	..	-	-	-	-	..	..
Foreign interline .....	..	-	-	-	-	..	..
Totals (2) .....	..	13,007	13,629	42,319	5,876	..	74,831(3)
Revenue mail carried:							
Originated	382,789	186,763	166,296	233,496	22,813	2,902,685	3,894,842
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	382,789	186,763	166,296	233,496	22,813	2,902,685	3,894,842

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(3) Excludes Group I carriers.

(2) Excludes division interline.

TABLE 6. Operating Statistics, Canadian Group I Carriers - Unit Toll Services, by Area of Service

December, 1961

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	1,686	383	357	94	2,520	10,720	13,240
Revenue hours flown	2,362	1,428	1,224	591	5,605	12,906	18,511
Revenue miles scheduled	536,433	644,894	369,334	222,856	1,773,517	3,014,219	4,787,736
Revenue miles flown:							
Scheduled services - Regular	510,978	610,189	366,996	222,856	1,711,019	2,955,081	4,666,100
Extra sections	31,236	9,076	28,511	11,068	79,891	277,823	357,714
Non-scheduled services	-	-	-	-	-	46,382	46,382
Totals	542,214	619,265	395,507	233,924	1,790,910	3,279,286	5,070,196
Ratio of regular miles flown to miles scheduled	95.3	94.6	99.4	100.0	96.5	98.0	97.5
Revenue passenger-miles	24,247,697	34,792,662	21,543,869	8,700,241	89,284,469	152,002,435	241,286,904
Available seat-miles on scheduled services	36,920,009	75,968,014	39,758,398	24,685,758	177,332,179	246,561,522	423,893,701
Passenger load factor on scheduled services	65.7	45.8	54.2	35.2	50.3	61.6	56.9
Revenue goods ton-miles:							
Express	44,849	-	-	-	44,849	252,541	297,390
Freight	170,026	586,154	153,940	160,688	1,070,808	1,622,332	2,693,140
Excess baggage	11,603	20,660	17,223	4,287	53,773	62,830	116,603
Mail	43,826	309,677	34,771	49,113	437,387	1,085,937	1,523,324
Totals	270,304	916,491	205,934	214,088	1,606,817	3,023,640	4,630,457
Available ton-miles on scheduled services	4,797,607	10,280,859	5,441,644	3,299,275	23,819,385	32,901,015	56,720,400
Weight load factor on scheduled services (1)	56.2	42.8	43.4	32.9	44.2	55.0	50.5

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

December, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	1,608	25,286	30,985	493,953
Recreational flying	574	9,521	9,151	185,881
Aerial photography and survey	-	-	5,689	1,326,323
Aerial photography (excl. survey)	69	5,804	922	52,525
Aerial pest control	-	-	4,733	857,413
Aerial advertising	-	-	104	6,178
Aerial patrol and inspection	422	34,417	14,346	1,275,799
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	41	3,493
Geophysical survey	73	12,006	5,281	653,235
Non-transportation charter	-	-	422	87,161
Other specialty flying	674	18,583	2,352	125,583
Total specialty flying	3,420	105,617	74,026	5,067,544

TABLE 8. Operating Statistics, Canadian Carriers Operating Helicopters only, Groups I to IV

December, 1961

	Month	Year to date
Revenue hours flown	888	48,673
Average number of aircraft	115	109
Average number of employees:		
Flying personnel	181	194
Other personnel	127	175
Totals	308	369
Salaries and wages paid:		
Flying personnel	119,698	1,561,741
Other personnel	74,735	1,174,240
Totals	194,433	2,735,981
Operating revenues:		
Bulk transportation	165,761	5,859,423
Other flying services	13,682	244,298
Non-flying services	66,110	451,933
Totals	245,553	6,555,654
Operating expenses:		
Flying operations	107,552	2,736,476
Maintenance	194,765	1,412,288
General services and administration ..	93,248	866,104
Depreciation and amortization	163,029	1,113,965
Totals	558,594	6,128,833
Operating income (Loss)	Dr. 313,041	426,821
Net income (deficit) after income taxes	Dr. 197,886	354,475

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service

December, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	26,621	22,298	48,919	7,866	4,851	12,717
Bulk transportation	"	-	-	-	838	202	1,040
Totals	"	26,621	22,298	48,919	8,704	5,053	13,757
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	166,142	571,579	737,721	262,478	672,696	935,174
Bulk transportation	"	-	-	-	-	33,951	33,951
Totals	"	166,142	571,579	737,721	262,478	706,647	969,125
Mail carried (Unit toll transportation) ..	"	65,074	150,915	215,989	71,516	150,395	221,911
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	651	268	919	35,138	27,417	62,555
Bulk transportation	"	-	-	-	838	202	1,040
Totals	"	651	268	919	35,976	27,619	63,595
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	15,761	3,027	18,788	444,381	1,247,302	1,691,683
Bulk transportation	"	-	-	-	-	33,951	33,951
Totals	"	15,761	3,027	18,788	444,381	1,281,253	1,725,634
Mail carried (Unit toll transportation) ..	"	2,501	1,117	3,618	139,091	302,427	441,518

TABLE 10. Operating Statistics, Canadian Group V Carriers
Fourth Quarter, 1961

	Quarter	Year to date
Number of reporting carriers	159	..
Bulk transportation:		
Revenue hours flown	No.	66,594
Revenue passengers carried	21,393	143,537
Revenue goods carried	1b.	10,008,916
Specialty flying services:		
Revenue hours flown:		
Flying training	No.	61,179
Recreational flying	"	11,615
Aerial photography and survey	"	2,412
Aerial photography (excl. survey)	"	283
Aerial pest control	"	2,912
Aerial advertising	"	13
Aerial patrol and inspection	"	8,557
Philanthropic	"	-
Aerial fish cultivation	"	-
Geophysical survey	"	1,010
Non-transportation charter	"	778
Other specialty flying	"	12,776
Total specialty flying services	"	101,535
Total - All services:		
Revenue hours flown	"	168,129
Non-revenue hours flown	"	10,082

TABLE 11. Revenues and Expenses, Canadian Group V Carriers
Fourth Quarter, 1961

	Quarter	Year to date
	dollars	
Operating revenues:		
Bulk transportation	520,474	3,471,417
Specialty flying services	381,940	2,475,305
Total flying services	902,414	5,946,722
Non-flying services	192,488	2,232,202
Total operating revenues	1,094,902	8,178,924
Operating expenses:		
Flying operations	732,711	3,434,022
Maintenance	177,220	1,202,829
General services and administration	305,550	2,492,107
Depreciation	205,940	938,091
Total operating expenses	1,421,421	8,067,049
Operating income (loss)	Dr. 326,519	111,875
Non-operating income - net	Dr. 21,392	63,393
Income before income taxes	Dr. 347,911	48,482
Provision for income taxes	8,476	64,403
Net income after income taxes	Dr. 356,387	15,921

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled service plus one major transport carrier: Nordair Limited.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.

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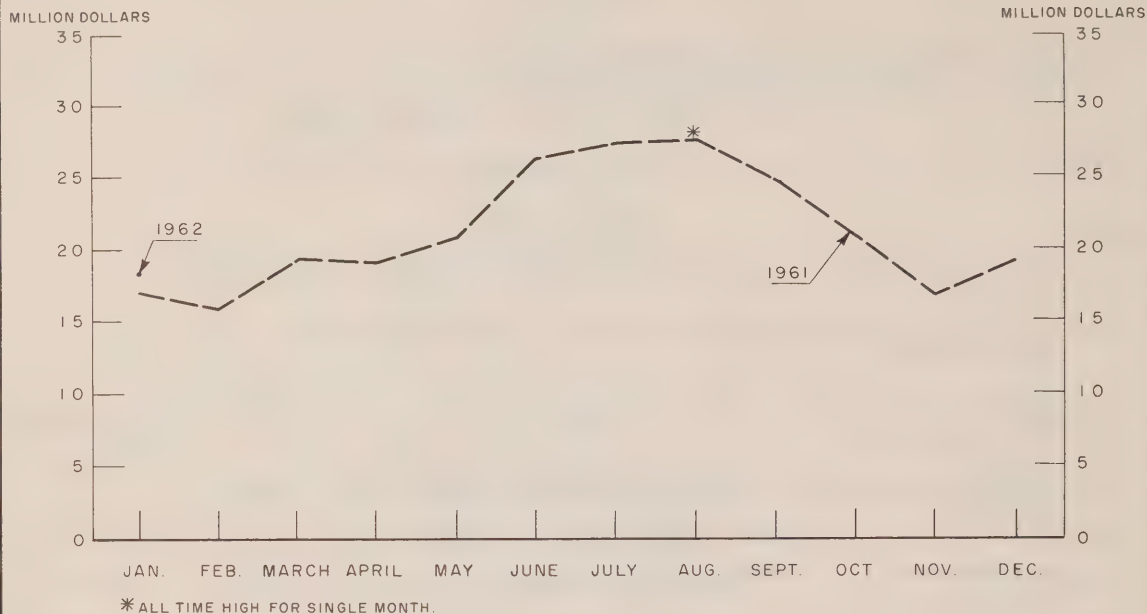
SYMBOLS

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- .. Figures not available.
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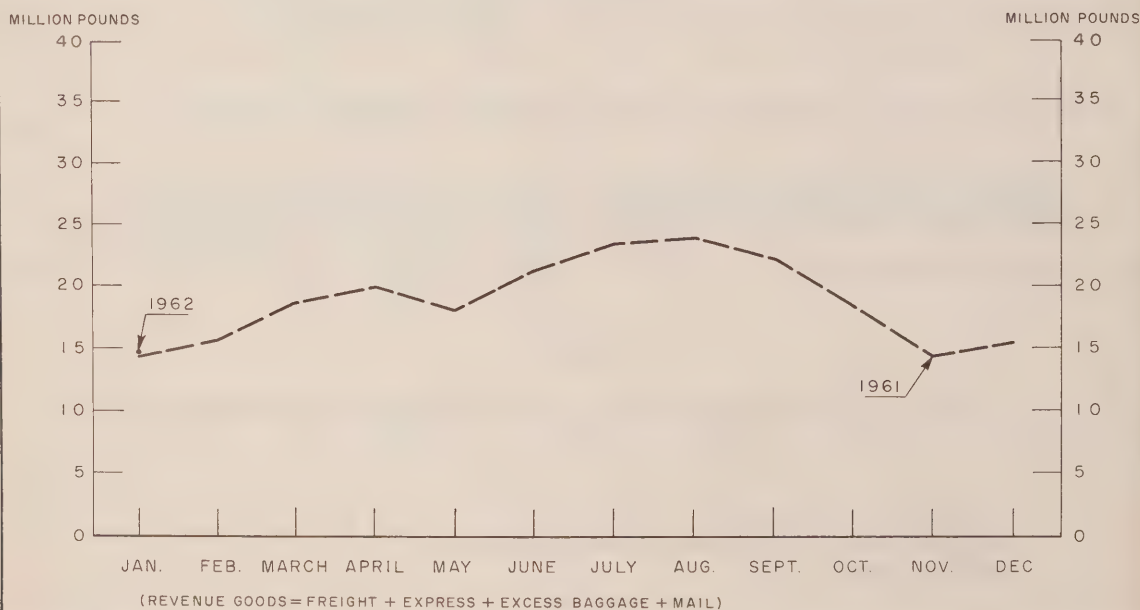
OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Wheeler Air Lines (1960) Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Statistics on aircraft owned and leased by Canadian carriers have been introduced in this report. These are presented in Table 10 for each group of carriers, by category of aircraft and weight group.

Review of January Operations

In January, Canadian air carriers transported 14.5 per cent more revenue passengers and one per cent more revenue goods. Passengers carried increased to 393,897 from 343,932 and revenue goods flown aggregated 14,559,159 lbs. as compared with 14,420,621 lbs. in January of the previous year. Revenue miles flown rose to 7,023,955 from 6,966,063. Both operating revenues and expenses registered increases. Revenues rose 8.6 per cent to \$18,376,449 from \$16,919,117 and expenses 6.8 per cent to \$21,364,593 from \$20,007,893. As a result the operating loss for the month amounted to \$2,988,144 as compared with \$3,088,776 in January, 1961. The deficit, after provision for income taxes and other charges, increased to \$3,999,319 from \$3,718,816.

During January, 1962, the six scheduled carriers transported 367,104 revenue passengers or 93.2 per cent of the total number carried and 9,670,198 lbs. of revenue goods or 66.4 per cent of the total. Comparable figures for January, 1961, were 322,056 revenue passengers or 93.8 per cent of the total and 8,561,521 lbs. of revenue goods or 59.4 per cent of the total. The scheduled carriers also accounted for 91.2 per cent of the operating revenues and 90.3 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for January of the previous year were 90 per cent and 90.2 per cent respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 70 per cent of all commercial helicopters in Canada. In January, 1962, they flew a total of 1,010 revenue hours, an increase of 37.4 per cent from the 735 hours flown in January, 1961.

Foreign carriers licensed to operate in Canada transported 64,102 revenue passengers compared with 51,322 in January, 1961, an increase of 24.9 per cent. The volume of revenue goods handled also increased sharply, rising to 1,817,421 lbs. from 1,477,933 lbs., a gain of 23 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

January, 1962

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers				United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ..	6	21	56	77	83	9	8	100	
Transportation services:									
Unit toll:									
Revenue departures	16,922	2,665	733	3,398	20,320	..	..	..
Revenue hours flown	22,315	2,681	481	3,162	25,477	438	640	26,555	
Revenue miles scheduled ...	5,243,555	...	...	...	5,243,555	112,909	249,892	5,606,356	
Revenue miles flown:									
Scheduled services	5,308,443(4)	...	...	...	5,308,443(4)	108,975	246,564	5,663,982(4)	
Non-scheduled services ..	305,442(4)	337,933	57,132	395,065	700,507(4)	-	-	700,507(4)	
Totals	5,613,885	337,933	57,132	395,065	6,008,950	108,975	246,564	6,364,489	
Revenue passengers carried	364,410	9,211	3,168	12,379	376,789	50,065	13,400	440,254	
Revenue goods carried:									
Cargo	5,527,071	469,950	133,354	603,304	6,130,375	713,932	809,676	7,747,287	
Excess baggage	69,389(7)	11,713	12,202	23,915	93,304(7)	155,289	104,644	3,553,447	
Mail	3,102,525	177,137	13,852	190,989	3,293,514	869,221	914,320	11,300,734	
Totals	8,698,985	658,800	159,408	818,208	9,517,193	2,433,352	10,323,333	264,551,203	
Revenue passenger-miles ...	249,361,585	2,173,445	259,488	2,432,933	251,794,518	2,433,352	10,323,333	264,551,203	
Revenue goods ton-miles:									
Cargo	2,812,387	127,178	165,194	292,372	3,104,759	19,775	309,763	3,566,982	
Excess baggage	127,996	4,030	659	4,689	132,685	3,245	42,379	1,229,185	
Mail	1,151,993	29,472	2,096	31,568	1,183,561	23,020	352,142	4,796,167	
Totals	4,092,376	160,680	167,949	328,629	4,421,005	..	..	..
Bulk:									
Revenue - Departure	987	3,250	5,357	8,607	9,594	..	..	..
Hours flown	1,417	4,081	3,724	7,805	9,222	-	37	9,259	
Miles flown	210,231	394,519	410,255	804,774	1,015,005	-	10,919	1,025,924	
Passengers carried "	2,694	7,358	7,056	14,414	17,108	-	637	17,745	
Freight carried . lb.	971,213	2,764,760	1,305,993	4,070,753	5,041,966	-	33,880	5,075,846	
Non-transportation services:									
Specialty flying:									
Revenue hours flown	1	613	2,604	3,217	3,218	-	-	3,218	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded
January, 1962

	Canadian carriers				Total Canadian carriers	Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers				United States carriers	Other Foreign carriers (3)		
		Group III(1)	Group IV	Total					
Total - All services:									
Traffic: (5)									
Revenue:									
Departures	17,909	5,915	6,090	12,005	29,914	..	..	..
Hours flown	23,733	7,375	6,809	14,184	37,917	438	677	39,032	
Miles flown	5,824,116	732,452	467,387	1,199,839	7,023,955	108,975	257,483	7,390,413	
Passengers carried	367,104	16,569	10,224	26,793	393,897	50,065	14,037	457,999	
Cargo carried	6,498,284	3,234,710	1,439,347	4,674,057	11,172,341	713,932 (6)	843,556 (6)	12,823,133 (6)	
Goods carried	9,670,198	3,423,560	1,465,401	4,888,961	14,559,159	869,221	948,200	16,376,580	
Non-revenue:									
Hours flown	780	476	512	988	1,768	3	-	1,771	
Passengers carried .....	..	222	18	240	..	590	612	..	
Goods carried .....	..	34,608	-	34,608	..	6,021	73,339	..	
Passenger-miles	10,229,585	121,373	921	122,294	10,351,879	29,532	466,263	10,847,674	
Goods ton-miles	421,839	55,774	-	55,774	477,613	843	22,636	501,092	
Fuel consumed:									
Turbo fuel - Quantity	12,803,700	-	-	-	12,803,700	178,097	1,624,729	14,606,526	
Cost	1,838,255	-	-	-	1,838,255	29,302	296,601	2,164,158	
Gasoline - Quantity	1,024,554	401,083	134,301	535,384	1,559,938	61,084	182,722	1,803,744	
Cost	347,065	152,174	51,394	203,568	550,633	14,757	44,960	610,350	
Oil consumed:									
Turbo aircraft - Quantity	gal.	-	-	-	3,579	58	92	3,729	
Cost	\$	-	-	-	32,118	370	594	33,082	
Other aircraft - Quantity	gal.	6,320	1,849	8,169	18,927	295	1,965	21,187	
Cost	\$	7,249	2,663	9,912	20,796	142	1,406	22,344	
Average number of employees:									
Flying personnel	No.	424	215	639	2,701	..	..	..
Other personnel	"	844	475	1,319	14,599	..	..	..
Totals	"	1,268	690	1,958	17,300	269	751	18,320	
Salaries and wages paid:									
Flying personnel	\$	252,350	103,425	355,775	1,856,095	..	..	..
Other personnel	\$	350,751	176,465	527,216	6,547,204	..	..	..
Totals	\$	603,101	279,890	882,991	8,403,299	113,214	327,128	8,843,641	

(1) Nordair Ltd. and Wheeler Air Lines (1960) Ltd. included with Group III carriers for purposes of this report.
(2) See Introduction, page 5, last paragraph.
(3) Includes fifth freedom traffic between United States and Canada.
(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.
(5) Except for hours flown these data relate to transportation services only.
(6) Includes excess baggage.
(7) Excludes Group I Carriers.

TABLE 2. Statement of Income, Canadian Carriers - All Services, By Revenue Group
January, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	Dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	13,445,737	580,161	14,025,898	226,716	42,935	269,651	14,295,549	
Express	245,147	32,056	277,203	7,631	276	7,907	825,110	
Freight	629,711	114,386	744,097	71,236	8,772	80,008	884,105	
Excess baggage	74,774	13,919	88,693	4,995	1,010	6,005	94,698	
Mail	978,048	115,765	1,093,813	83,569	4,488	88,057	1,181,870	
Total unit toll transportation	15,373,417	856,287	16,229,704	394,147	57,481	451,628	16,681,332	
Bulk transportation	77,185	249,349	326,534	585,629	280,092	865,721	1,182,255	
Total transportation	15,450,602	1,105,636	16,556,238	979,776	337,573	1,317,349	17,873,587	
Other flying services	381	-	381	75,154	77,144	152,298	152,679	
Total flying services	15,450,983	1,105,636	16,556,619	1,054,930	414,717	1,469,647	18,026,266	
Non-flying services	158,195	45,905	204,100	80,305	65,778	146,083	350,183	
Total operating revenues	15,609,178	1,151,541	16,760,719	1,135,235	480,495	1,615,730	18,376,449	
Operating expenses:								
Flying operations	4,438,281	508,344	4,946,625	575,912	223,412	799,324	5,745,949	
Maintenance	3,856,508	336,176	4,192,684	401,115	155,664	556,779	4,749,463	
General services and administration:								
Passenger service	1,382,908	35,353	1,418,261	-	-	-	-	
Aircraft and traffic servicing	2,725,984	196,220	2,922,204	-	-	-	-	
Promotion and sales	2,648,605	83,031	2,731,636	-	-	-	-	
General administration	773,650	93,041	866,691	-	-	-	-	
Totals	7,531,147	407,645	7,938,792	330,388	126,028	456,416	8,395,208	
Depreciation and amortization	2,085,538	119,075	2,204,613	173,707	95,653	269,360	2,473,973	
Total operating expenses	17,911,474	1,371,240	19,282,714	1,481,122	600,757	2,081,879	21,364,593	
Operating income (loss)	Dr. 2,302,296	Dr. 219,699	Dr. 2,521,995	Dr. 345,887	Dr. 120,262	Dr. 466,149	Dr. 2,988,144	
Non-operating income - net:								
Capital gains and losses	-	Dr. 10	Dr. 10	-	-	-	Dr. 10	
Interest and discounts	73,093	3,002	76,095	919	2,567	3,486	79,581	
Miscellaneous non-operating income	Dr. 67,934	206	Dr. 67,728	Dr. 14,972	Dr. 25	Dr. 14,997	Dr. 82,725	
Income before interest expense	Dr. 2,297,137	Dr. 216,501	Dr. 2,513,638	Dr. 359,940	Dr. 117,720	Dr. 477,660	Dr. 2,991,298	
Interest expense	925,493	35,113	960,606	35,402	9,649	45,051	1,005,657	
Income before income taxes	Dr. 3,222,630	Dr. 251,614	Dr. 3,474,244	Dr. 395,342	Dr. 127,369	Dr. 522,711	Dr. 3,996,955	
Provision for income taxes	-	-	-	-	2,364	2,364	2,364	
Net income after income taxes	Dr. 3,222,630	Dr. 251,614	Dr. 3,474,244	Dr. 395,342	Dr. 129,733	Dr. 525,075	Dr. 3,999,319	

(1) Nordair Ltd., and Wheeler Air Lines (1960) Ltd., included with Group III carriers for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

January, 1962

- 9 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	2,595,765	80,055	162,684	204,361	133,061	10,849,972	14,025,898	
Express	14,197	-	7,705	23,046	1,305	230,950	277,203	
Freight	142,198	53,746	38,220	5,883	22,420	487,513	744,097	
Excess baggage	22,221	1,327	5,883	5,329	1,380	52,553	88,693	
Mail	124,914	21,019	40,645	34,067	20,034	853,134	1,093,813	
Total unit toll transportation	2,899,295	156,147	255,137	266,803	178,200	12,474,122	16,229,704	
Bulk transportation	49,922	3,670	75,741	1,116	168,822	27,263	326,534	
Total transportation	2,949,217	159,817	330,878	267,919	347,022	12,501,385	16,556,238	
Other flying services	-	-	-	-	-	381	381	
Total flying services	2,949,217	159,817	330,878	267,919	347,022	12,501,766	16,556,619	
Non-flying services	43,271	8,518	33,110	2,379	1,898	114,924	204,100	
Total operating revenues	2,992,488	168,335	363,988	270,298	348,920	12,616,690	16,760,719	
Operating expenses:								
Flying operations	1,334,638	83,693	175,155	88,457	161,039	3,103,643	4,946,625	
Maintenance	594,403	48,612	78,067	75,529	133,968	3,262,105	4,192,684	
General services and administrations:								
Passenger service	282,806	5,121	12,086	5,145	13,001	1,100,102	1,418,261	
Aircraft and traffic servicing	454,059	31,906	120,261	28,044	16,009	2,271,925	2,922,204	
Promotion and sales	577,227	3,251	15,365	39,358	25,057	2,071,378	2,731,636	
General administration	164,513	16,058	38,639	19,859	18,485	609,137	866,691	
Totals	1,478,605	56,336	186,331	92,406	72,552	6,052,542	7,938,792	
Depreciation and amortization	238,308	16,433	42,628	30,476	29,538	1,847,230	2,204,613	
Total operating expenses	3,645,954	205,074	482,201	286,868	397,097	14,265,520	19,282,714	
Operating income (loss)	Dr. 653,466	Dr. 36,739	Dr. 118,213	Dr. 16,570	Dr. 48,177	Dr. 1,648,830	Dr. 2,521,995	
Non-operating income - net:								
Capital gains and losses	-	Dr. 10	-	-	-	-	Dr. 10	
Interest and discounts	19,260	2,959	-	31	12	53,833	76,095	
Miscellaneous non-operating income	Dr. 13,514	16	79	111	-	Dr. 54,420	Dr. 67,728	
Income before interest expense	Dr. 647,720	Dr. 33,774	Dr. 118,134	Dr. 16,428	Dr. 48,165	Dr. 1,649,417	Dr. 2,513,638	
Interest expense	-	4,100	7,888	12,864	10,261	925,493	960,606	
Income before income taxes	Dr. 647,720	Dr. 37,874	Dr. 126,022	Dr. 29,292	Dr. 58,426	Dr. 2,574,910	Dr. 3,474,244	
Provision for income taxes	-	-	-	-	-	-	-	
Net income after income taxes	Dr. 647,720	Dr. 37,874	Dr. 126,022	Dr. 29,292	Dr. 58,426	Dr. 2,574,910	Dr. 3,474,244	

dollars

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

January, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
<u>Transportation services</u>									
Unit toll:									
Revenue departures	No	1,758	11,528	734	1,048	1,048	806	3,636	16,922
Revenue hours flown	"	3,497	15,056	781	1,245	846	890	3,762	22,315
Revenue miles scheduled	"	1,021,055	3,914,471	28,704	165,164	77,565	36,596	308,029	5,243,555
Revenue miles flown:									
Scheduled services - Regular	"	1,004,652	3,797,263	25,527	150,875	76,267	34,948	287,617	5,089,532
Extra section	"	13,499	186,211	2,467	7,798	8,936	-	19,201	218,911
Non-scheduled services	"	45,464	-	94,918	12,198	55,963	96,899	259,978	305,442
Totals	"	1,063,615	3,983,474	122,912	170,871	141,166	131,847	566,796	5,613,885
Ratio of regular miles flown to miles scheduled		98.4	97.0	88.9	91.3	98.3	95.5	...	...
Revenue passengers carried	No.	31,774	308,682	4,339	7,728	8,096	3,791	23,954	364,410
Revenue goods carried:									
Express	lb.	63,881	654,126	-	19,374	162,225	9,110	190,709	908,716
Freight	"	305,328	3,207,365	731,860	247,863	-	125,939	1,105,662	4,618,355
Excess baggage .....	"	...	...	9,540	17,915	34,244	7,690	69,389	69,389(4)
Mail	"	284,240	2,234,363	116,243	117,844	285,550	64,285	583,922	3,102,525
Totals	"	653,449	6,095,854	857,643	402,996	482,019	207,024	1,949,682	8,698,985
Revenue passenger-miles:									
Scheduled services	No.	46,489,878	194,903,531	300,471	2,141,060	1,717,010	376,687	4,535,228	245,928,637
Non-scheduled services	"	1,006,160	-	584,061	26,920	764,666	1,051,141	2,426,788	3,432,948
Totals	"	47,496,038	194,903,531	884,532	2,167,980	2,481,676	1,427,828	6,962,016	249,361,585
Available seat-miles on scheduled services	"	103,123,646	323,881,931	693,472	5,698,276	2,943,008	814,113	10,148,869	437,154,446
Passenger load factor on scheduled services		45.1	60.2	43.3	37.6	58.3	46.3	...	...
Revenue goods ton-miles:									
Express - Scheduled services	No.	17,051	238,091	-	6,652	14,338	575	21,565	276,707
Non-scheduled services	"	738	-	-	-	6,688	1,647	8,335	9,073
Totals	"	17,789	238,091	-	6,652	21,026	2,222	29,900	285,780
Freight - Scheduled services	"	371,228	1,878,179	4,892	63,035	-	795	68,722	2,318,129
Non-scheduled services	"	1,166	-	183,469	1,817	-	22,026	207,312	208,478
Totals	"	372,394	1,878,179	188,361	64,852	-	22,821	276,034	2,526,607

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

January, 1962

- 11 -

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	24,759	90,958	115,717	216	3,308	3,899	435	7,858	123,575
Non-scheduled services	102	-	102	915	25	2,372	1,007	4,319	4,421
Totals	24,861	90,958	115,819	1,131	3,333	6,271	1,442	12,177	127,996
Mail - Scheduled services	86,726	977,259	1,063,985	3,944	36,985	410	1,657	42,996	1,106,981
Non-scheduled services	4,290	-	4,290	9,116	300	23,631	7,675	40,722	45,012
Totals	91,016	977,259	1,068,275	13,060	37,285	24,041	9,332	83,718	1,151,993
Total - Scheduled services	499,764	3,184,487	3,684,251	9,052	109,980	18,647	3,462	141,141	3,825,392
Non-scheduled services	6,296	-	6,296	193,500	2,142	32,691	32,355	260,688	266,984
Totals	506,060	3,184,487	3,690,547	202,552	112,122	51,338	35,817	401,829	4,092,376
Available ton-miles on scheduled services	13,548,429	44,186,340	57,734,769	80,297	738,835	289,414	83,705	1,192,251	58,927,020
Weight load factor on scheduled services (2)	38.0	51.3	...	48.7	43.9	65.8	49.1	...	...
Bulk:									
Revenue - Departures	15	28	43	12	655	6	271	944	987
Hours flown	69	44	113	17	708	5	574	1,304	1,417
Miles flown	17,687	11,441	29,128	2,646	77,405	676	100,376	181,103	210,231
Passengers carried	359	763	1,122	69	935	7	561	1,572	2,694
Freight carried	102,980	-	102,980	45,632	313,442	10,872	498,287	868,233	971,213
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	1	1	-	-	-	-	-	1
<u>Total - All services</u>									
Traffic: (3)									
Revenue:									
Departures	1,773	11,556	13,329	746	1,703	1,054	1,077	4,580	17,909
Hours flown	3,566	15,101	18,667	798	1,953	851	1,464	5,066	23,733
Miles flown	1,081,502	3,994,915	5,076,217	125,558	248,276	141,842	232,223	747,899	5,824,116
Passengers carried	32,133	309,445	341,578	4,408	8,663	8,103	4,352	25,526	367,104
Cargo carried	472,189	3,861,491	4,333,680	777,492	580,679	173,097	633,336	2,164,604	6,498,284
Goods carried	756,429	6,095,854	6,852,283	903,275	716,438	492,891	705,311	2,817,915	9,670,198

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

January, 1962

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(L)	Quebecair Inc. (I)	Transair Ltd. (I)	Total (I)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	77	487	564	36	135	27	18	216	780
Passengers carried	657	..	..	160	170	280	97	707	..
Goods carried	116,428	..	..	20,459	31,334	-	11,119	62,912	..
Passenger-miles	1,208,632	8,798,734	10,007,366	28,329	63,875	76,461	53,554	222,219	10,229,585
Goods ton-miles	153,831	250,044	403,875	4,186	10,702	-	3,076	17,964	421,839
Fuel consumed:									
Turbo fuel - Quantity	2,481,384	10,199,550	12,680,934	-	-	122,766	-	122,766	12,803,700
Cost	431,130	1,383,482	1,814,612	-	-	23,643	-	23,643	1,838,255
Gasoline - Quantity	378,798	158,803	537,601	113,341	153,707	40,114	179,791	486,953	1,024,554
Cost	114,623	41,189	155,812	37,344	70,376	12,532	71,001	191,253	347,065
Oil consumed:									
Turbo aircraft - Quantity	389	2,731	3,120	-	-	459	-	459	3,579
Cost	3,756	27,619	31,375	-	-	743	-	743	32,118
Other aircraft - Quantity	3,847	2,604	6,451	1,023	1,778	409	1,097	4,307	10,758
Cost	3,767	2,391	6,158	1,023	2,223	383	1,097	4,726	10,884
Average number of employees:									
Flying personnel	378	1,453	1,831	34	87	49	61	231	2,062
Other personnel	2,155	10,135	12,290	160	361	233	236	990	13,280
Totals	2,533	11,588	14,121	194	448	282	297	1,221	15,342
Salaries and wages paid:									
Flying personnel	311,526	1,036,527	1,348,053	23,905	68,192	21,804	38,366	152,267	1,500,320
Other personnel	917,640	4,672,814	5,590,454	60,266	161,007	115,087	93,174	429,534	6,019,988
Totals	1,229,166	5,709,341	6,938,507	84,171	229,199	136,891	131,540	581,801	7,520,308

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

(4) Excludes Group I Carriers.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company
January, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated							
Domestic interline	26,162	3,942	7,484	8,096	3,350	268,326	317,360
Foreign interline	3,101	397	-	-	-	40,356	46,037
Totals (2)	2,183	-	-	-	-	308,682	363,397
Revenue express carried:							
Originated							
Domestic interline	63,881	-	19,374	162,225	9,110	654,126	908,716
Foreign interline	-	-	-	-	-	-	-
Totals (2)	63,881	-	19,374	162,225	9,110	654,126	908,716
Revenue freight carried:							
Originated							
Domestic interline	236,938	705,141	228,058	-	53,481	3,207,365	4,430,983
Foreign interline	14,914	-	-	-	-	-	14,914
Totals (2)	26,183	-	-	-	-	-	26,183
Revenue excess baggage carried:							
Originated							
Domestic interline .....	..	9,540	17,455	34,244	6,782	..	68,021
Foreign interline .....	..	-	-	-	-	..	-
Totals (2) .....	..	9,540	17,455	34,244	6,782	..	68,021(3)
Revenue mail carried:							
Originated							
Domestic interline	284,240	116,243	112,297	285,550	20,067	2,234,363	3,052,760
Foreign interline	-	-	-	-	-	-	-
Totals (2)	284,240	116,243	112,297	285,550	20,067	2,234,363	3,052,760

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I Carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

January, 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	1,740	371	394	94	2,599	11,493	14,092
Revenue hours flown	2,537	1,341	1,221	648	5,747	13,696	19,443
Revenue miles scheduled	570,317	584,039	425,041	245,335	1,824,732	3,147,390	4,972,122
Revenue miles flown:							
Scheduled services - Regular	536,323	569,594	414,970	241,441	1,762,328	3,074,535	4,836,863
Extra sections	25,952	9,960	22,172	8,301	66,385	133,325	199,710
Non-scheduled services	-	-	-	-	-	142,363	142,363
Totals	562,275	579,554	437,142	249,742	1,828,713	3,350,223	5,178,936
Ratio of regular miles flown to miles scheduled	94.0	97.5	97.6	98.4	96.6	97.7	97.3
Revenue passengers .....	...	...	...	...	100,795	243,452	344,247
Revenue cargo .....	...	...	...	...	1,804,050	2,569,389	4,373,439
Revenue mail .....	...	...	...	...	296,646	2,286,242	2,582,888
Revenue passenger-miles	24,337,499	30,591,020	27,000,954	11,236,885	93,166,358	150,661,039	243,827,397
Available seat-miles on scheduled services	38,209,677	70,951,798	46,862,210	26,673,245	182,696,930	245,122,760	427,819,690
Passenger load factor on scheduled services	64.0	43.1	57.6	42.1	51.0	61.5	57.0
Revenue goods ton-miles:							
Express	43,262	-	-	-	43,262	214,840	258,102
Freight	161,711	610,818	140,937	159,653	1,073,119	1,200,275	2,273,394
Excess baggage	12,132	20,680	20,880	4,755	58,447	58,814	117,261
Mail	29,570	165,529	27,726	36,481	259,306	818,301	1,077,607
Totals	246,675	797,027	189,543	200,889	1,434,134	2,292,230	3,726,364
Available ton-miles on scheduled services	4,967,722	9,761,888	6,726,005	3,530,487	24,986,102	32,832,372	57,818,474
Weight load factor on scheduled services(1)	54.0	39.5	43.0	37.5	43.0	52.1	48.2

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

January, 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	1,678	38,127		
Recreational flying	555	9,733		
Aerial photography and survey	40	12,686		
Aerial photography (excl. survey)	15	551		
Aerial pest control	-	-		
Aerial advertising	4	325		
Aerial patrol and inspection	582	40,065		
Philanthropic	-	-		
Aerial fish cultivation	-	-		
Geophysical survey	320	52,813		
Non-transportation charter	12	600		
Other specialty flying	12	4,653		
Total specialty flying	3,218	159,553		

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV

January, 1962

	Month	Year to date
Revenue hours flown	1,010	No.
Average number of aircraft	115	"
Average number of employees:		
Flying personnel	180	"
Other personnel	137	"
Totals	317	"
Salaries and wages paid:		
Flying personnel	106,480	\$
Other personnel	74,375	\$
Totals	180,855	\$
Operating revenues:		
Bulk transportation	152,949	\$
Other flying services	15,692	\$
Non-flying services	33,556	\$
Totals	202,197	\$
Operating expenses:		
Flying operations	148,737	\$
Maintenance	90,410	\$
General services and administration ..	78,292	\$
Depreciation and amortization	94,928	\$
Totals	412,367	\$
Operating income (loss)	Dr. 210,170	\$
Net income (deficit) after income taxes	Dr. 216,991	\$

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)
January, 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	65,901	65,721	131,622	7,140	11,142	18,282
Bulk transportation "	249	211	460	122	515	637
Totals "	66,150	65,932	132,082	7,262	11,657	18,919
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	365,084	1,666,532	2,031,616	308,223	817,036	1,125,259
Bulk transportation "	3,030	-	3,030	-	33,880	33,880
Totals "	368,114	1,666,532	2,034,646	308,223	850,916	1,159,139
Mail carried (Unit toll transportation) .. "	109,256	216,487	325,743	93,541	107,044	200,585
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	5,735	6,233	11,968	78,776	83,096	161,872
Bulk transportation "	123	125	248	494	851	1,345
Totals "	5,858	6,358	12,216	79,270	83,947	163,217
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	98,189	39,320	137,509	771,496	2,522,888	3,294,384
Bulk transportation "	17,470	85,510	102,980	20,500	119,390	139,890
Totals "	115,659	124,830	240,489	791,996	2,642,278	3,434,274
Mail carried (Unit toll transportation) .. "	8,373	10,721	19,094	211,170	334,252	545,422

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group, as at January 15, 1962

Categories of Aircraft and Weight Groups		Groups I and II(1)			Group III(1)			Group IV			Group V			Total	
		Owned	Leased		Owned	Leased		Owned	Leased		Owned	Leased		Owned	Leased
Number of carriers reporting		6			23			66			250			345	
Helicopters	No.	-	-	115	5	29	3	18	-		-	-		162	8
Turbo jets	"	11	4	-	-	-	-	-	-		-	-		11	4
Turbo props:															
300,001 lb. and over	"	-	-	-	-	-	-	-	-		-	-		-	-
150,001-300,000 lb.	"	-	6	-	-	-	-	-	-		-	-		-	6
100,001-150,000 "	"	20	-	-	-	-	-	-	-		-	-		20	-
50,001-100,000 "	"	49	-	-	-	-	-	-	-		-	-		49	-
50,000 lb. and under	"	3	-	-	-	1	-	-	-		-	-		4	-
Total turbo props	"	72	6	-	-	1	-	-	-		-	-		73	6
Piston engines:															
Four engines:															
130,001 lb. and over	"	11	-	-	-	-	-	-	-		2	-		13	-
100,001-130,000 lb.	"	5	-	-	-	-	-	-	-		-	-		5	-
70,001-100,000 "	"	6	4	5	1	-	-	-	-		-	-		11	5
50,001-70,000 "	"	1	-	-	2	-	-	-	-		-	-		1	2
50,000 lb. and under	"	-	-	-	-	-	-	-	-		-	-		-	-
Total four engines	"	23	4	5	3	-	-	-	-		2	-		30	7
One or two engines:															
40,001 lb. and over	"	17	-	1	8	-	-	-	-		-	-		18	8
25,001-40,000 lb.	"	24	1	28	7	7	-	-	-		2	-		61	8
20,001-25,000 "	"	-	-	3	-	-	-	-	-		-	-		10	-
15,001-20,000 "	"	-	-	21	3	-	-	-	-		4	-		25	3
10,001-15,000 "	"	1	-	3	-	5	-	-	-		3	-		12	-
7,501-10,000 "	"	15	-	60	2	33	1	13	-		-	-		121	3
5,001-7,500 "	"	17	6	40	1	57	4	21	3		1	3		135	14
4,001-5,000 "	"	3	-	4	1	11	-	9	-		9	-		27	2
3,001-4,000 "	"	-	-	7	1	22	9	44	1		1	1		73	11
2,001-3,000 "	"	5	-	45	4	123	14	211	41		396	40		384	59
2,000 lb. and under	"	2	-	8	2	97	3	396	40		-	-		503	45
Total one or two engines	"	84	7	220	29	362	31	703	86		-	-		1,369	153
Grand total	"	190	21	340	37	392	34	723	86		-	-		1,645	178

(1) Nordair Ltd. and Wheeler Air Lines (1960) Ltd. Included with Group III carriers for purposes of this report.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd. and Wheeler Air Lines (1960) Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, steward's supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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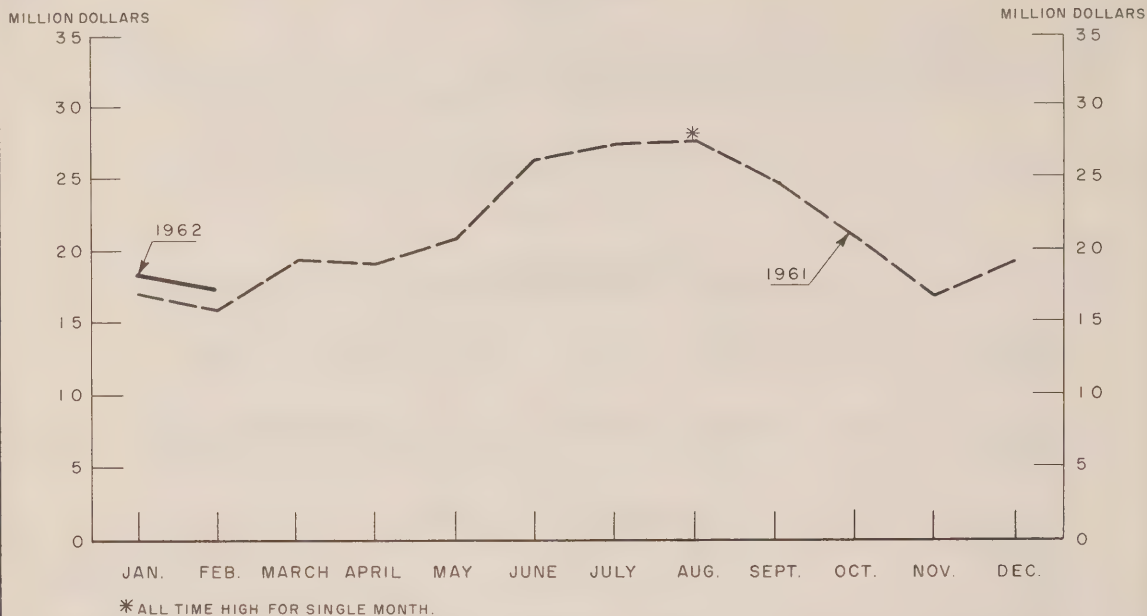
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SYMBOLS

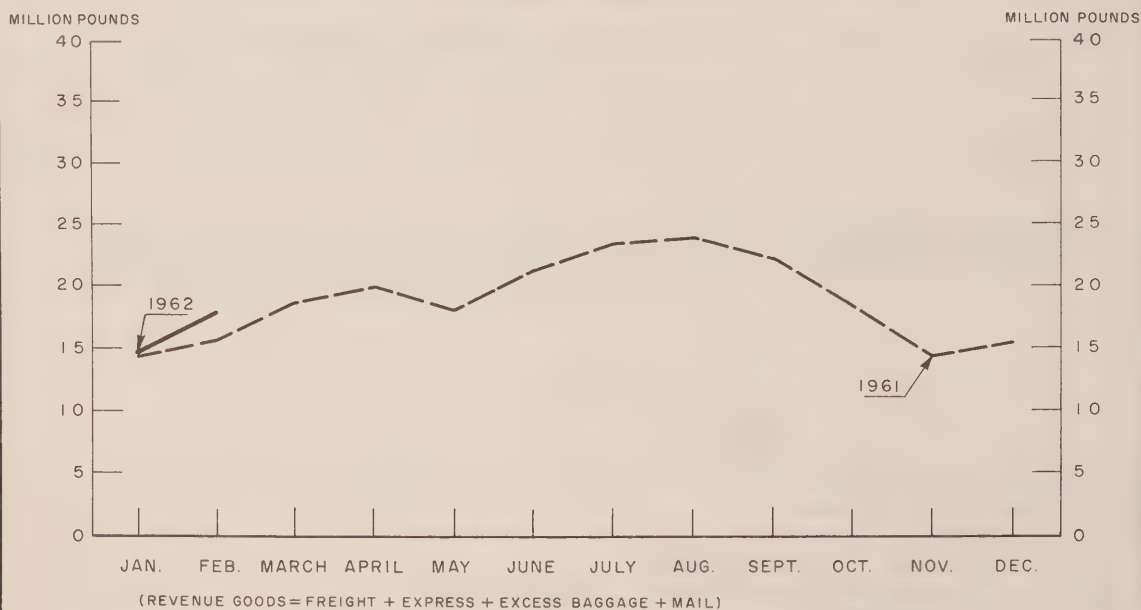
The Interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available
- ... Figures not appropriate or not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of the publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd., which is classified as a Group II carrier by the Air Transport Board, has been included with the Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6, which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Review of February operations.

During the month of February, Canadian air carriers transported 15 per cent more revenue passengers and 14.8 per cent more revenue goods than for the corresponding month of last year. Passengers carried increased from 311,899 to 358,731 while the goods rose from 15,518,992 lbs. to 17,811,282 lbs. Revenue miles flown increased 1.4 per cent from 6,379,033 to 6,465,961. Operating revenues rose 9.9 per cent from \$15,778,889 to \$17,351,289 but operating expenses increased by 4.4 per cent only from \$19,361,379 to \$20,229,689 which resulted in a loss of \$2,878,400 compared with the loss of \$3,582,490 reported for February of last year. The deficit after provision for income taxes and other charges amounted to \$4,220,356, a slight decline from the \$4,294,084 deficit recorded for 1961.

For the two month period, January and February, more revenue passengers and revenue goods were carried than during the same period of 1961. The number of passengers increased 14.8 per cent from 655,831 to 752,628 and the volume of goods rose 8.1 per cent from 29,939,613 lbs. to 32,370,441 lbs. The operating revenues rose 9.3 per cent from \$32,698,006 to \$35,727,738 while the operating expenses rose 5.7 per cent from \$39,369,272 to \$41,594,282.

In February, the six scheduled carriers transported 333,590 revenue passengers or 93 per cent of the total number carried, and 13,390,786 lbs. of revenue goods or 75.2 per cent of the total. Corresponding figures for February, 1961, were 93.7 per cent of the passengers and 60 per cent of the goods. The scheduled carriers also accounted for 90.8 per cent of the operating revenues and 89.4 per cent of the operating expenses reported by Canadian carriers. The February 1961, figures were 89.4 per cent and 89.6 per cent respectively.

Table 8 shows data for companies operating helicopters only. These companies operate approximately 70 per cent of all commercial helicopters in Canada. In February, 1962, the revenue hours flown amounted to 1,181, which represented an increase of 38.7 per cent over last years' figure of 851.

There were 38.2 per cent more revenue passengers transported by Foreign carriers licensed to operate in Canada this February than in February 1961. The number rose from 39,143 to 54,096. The volume of revenue goods carried also increased, the number of pounds going up from 1,696,874 to 1,980,150, a change of 16.7 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

February, 1962

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ..	6	20	54	74	80	9	8	97	...
Transportation services:									
Unit toll:									
Revenue departures	15,179	2,886	824	3,710	18,889	..	..	..	..
Revenue hours flown	19,630	2,709	552	3,261	22,891	384	566	23,841	50,396
Revenue miles scheduled ...	4,808,464	...	...	...	4,808,464	101,998	220,506	5,130,968	10,737,324
Revenue miles flown:									
Scheduled services	4,747,722(4)	...	...	...	4,747,722(4)	95,868	225,306	5,068,896(4)	10,732,878(4)
Non-scheduled services ..	260,122(4)	330,898	64,904	395,802	655,924(4)	..	..	655,924(4)	1,356,431(4)
Totals	5,007,844	330,898	64,904	395,802	5,403,646	95,868	225,306	5,724,820	12,089,309
Revenue passengers carried	330,328	8,461	2,224	10,685	341,013	42,816	10,732	394,561	834,815
Revenue goods carried:									
Cargo	5,500,917	420,827	245,491	666,318	6,167,235	..	..	7,978,040	15,725,327
Excess baggage	80,643(7)	8,921	12,179	21,100	81,743(7)	677,460	1,051,602	3,546,463	7,099,910
Mail	3,042,031	236,487	16,857	253,344	3,295,375	148,098	102,990	11,524,503	22,825,237
Totals	8,603,591	666,235	274,527	940,762	9,544,353	825,558	1,154,592	237,927,616	502,478,819
Revenue passenger-miles ...	226,587,155	1,708,310	187,407	1,895,717	228,482,872	2,112,981	7,331,763	237,927,616	502,478,819
Revenue goods ton-miles:									
Cargo	2,913,338	119,710	4,043	123,753	3,037,091	..	..	3,692,906	7,259,888
Excess baggage	121,554	2,993	652	3,645	125,199	17,797	512,819	1,214,524	2,443,709
Mail	1,135,120	32,734	1,404	34,138	1,169,258	3,144	42,122	4,907,430	9,703,597
Totals	4,170,012	155,437	6,099	161,536	4,331,548	20,941	554,941	..	..
Bulk:									
Revenue - Departure	1,820	2,929	5,337	8,266	10,086	..	..	9,634	18,893
Hours flown	2,098	3,993	3,519	7,512	9,610	1	23	1,069,515	2,095,439
Miles flown	299,685	378,739	383,891	762,630	1,062,315	100	7,100	18,266	36,011
Passengers carried	3,262	6,851	7,605	14,456	17,718	44	504	8,266,929	13,342,775
Freight carried . lb.	4,787,195	2,309,393	1,170,341	3,479,734	8,266,929	-	-	..	..
Non-transportation services:									
Specialty flying:									
Revenue hours flown	1	827	2,743	3,570	3,571	-	-	3,571	6,789

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded
February, 1962

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Total - All services:									
Traffic: (5)									
Revenue:									
Departures	16,999	No.	5,815	6,161	11,976	28,975	385	589	76,078
Hours flown	21,729	"	7,529	6,814	14,343	36,072	95,968	232,406	14,184,748
Miles flown	5,307,529	"	709,637	448,795	1,158,432	6,465,961	42,860	11,236	870,826
Passengers carried	333,590	"	15,312	9,829	25,141	358,731	677,460(6)	1,051,602(6)	28,986,359(6)
Cargo carried	10,288,112	lb.	2,730,220	1,415,832	4,146,052	14,434,164	825,558	1,154,592	36,168,012
Goods carried	13,390,786	"	2,975,628	1,444,868	4,420,496	17,811,282			
Non-revenue:									
Hours flown	812	No.	457	269	726	1,538	2	-	3,311
Passengers carried .....	..	"	182	6	188	..	535	358	..
Goods carried .....	..	lb.	23,536	-	23,536	..	7,897	76,753	..
Passenger-miles	7,540,865	No.	77,911	123	78,034	7,618,899	30,209	240,999	18,737,781
Goods ton-miles	541,767	"	12,077	-	12,077	553,844	551	13,311	1,068,798
Fuel consumed:									
Turbo fuel - Quantity	11,804,096	gal.	5,401	-	5,401	11,809,497	192,712	1,658,494	28,267,229
Cost	1,676,511	\$	1,250	-	1,250	1,677,761	34,165	248,559	4,124,643
Gasoline - Quantity	815,725	gal.	377,371	138,851	516,222	1,331,947	79,355	241,035	3,456,081
Cost	286,443	\$	143,608	59,642	203,250	489,693	19,093	50,736	1,169,872
Oil consumed:									
Turbo aircraft - Quantity	3,179	gal.	2	-	2	3,181	17	75	7,002
Cost	24,459	\$	8	-	8	24,467	102	637	58,288
Other aircraft - Quantity	8,975	gal.	5,169	2,244	7,413	16,388	504	2,290	40,369
Cost	9,084	\$	6,019	3,223	9,242	18,326	474	1,699	42,843
Average number of employees:									
Flying personnel	2,091	No.	423	200	623	2,714	..	..	..
Other personnel	13,287	"	806	445	1,251	14,538	264	740	..
Totals	15,378	"	1,229	645	1,874	17,252			18,256
Salaries and wages paid:									
Flying personnel	1,549,717	\$	258,144	103,218	361,362	1,911,079	..	..	..
Other personnel	5,617,647	\$	343,297	163,906	507,203	6,124,850	..	..	..
Totals	7,167,364	\$	601,441	267,124	868,565	8,035,929	121,028	302,281	17,302,879
								8,459,238	

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

(2) See introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Except for hours flown these data relate to transportation services only.

(6) Includes excess baggage.

(7) Excludes Group I carriers.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

February, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date	
	Group I	Group II(1)		Total	Group III(1)	Group IV			
		Total				Total			
dollars									
Operating revenues:									
Unit toll transportation:									
Passengers	12,365,103	496,323	12,861,426	193,650	30,919	224,569	13,085,995	27,381,544	
Express	232,653	36,149	268,802	11,225	12,512	23,737	292,539	577,649	
Freight	656,270	135,395	791,665	63,876	2,770	66,646	858,311	1,682,416	
Excess baggage	84,257	13,063	97,320	3,905	913	4,818	102,138	196,836	
Mail	954,169	116,382	1,070,551	100,320	4,762	105,082	1,175,633	2,357,503	
Total unit toll transportation	14,292,452	797,312	15,089,764	372,976	51,876	424,852	15,514,616	32,195,948	
Bulk transportation	109,560	350,958	460,518	586,405	276,181	862,586	1,323,104	2,515,359	
Total transportation	14,402,012	1,148,270	15,550,282	959,381	328,057	1,287,438	16,837,720	34,711,307	
Other flying services	324	-	324	82,445	90,109	172,554	172,858	325,537	
Total flying services	14,402,336	1,148,270	15,550,606	1,041,826	418,166	1,459,972	17,010,578	35,036,844	
Non-flying services	163,181	39,744	202,925	69,285	68,501	137,786	340,711	690,894	
Total operating revenues	14,565,517	1,188,014	15,753,531	1,111,091	486,667	1,597,758	17,351,289	35,727,738	
Operating expenses:									
Flying operations	4,075,038	493,721	4,568,759	582,708	236,484	819,192	5,387,953	11,133,902	
Maintenance	3,520,114	322,596	3,842,710	431,433	165,891	597,324	4,440,034	9,189,497	
General services and administration:									
Passenger service	1,262,560	33,729	1,296,289	-	-	-	-	-	
Aircraft and traffic servicing	2,600,794	204,742	2,805,536	-	-	-	-	-	
Promotion and sales	2,567,752	80,380	2,648,132	-	-	-	-	-	
General administration	696,085	90,568	786,653	-	-	-	-	-	
Totals	7,127,191	409,419	7,536,610	334,944	129,751	464,695	8,001,305	16,396,513	
Depreciation and amortization	2,016,174	118,723	2,134,897	170,170	95,330	265,500	2,400,397	4,874,370	
Total operating expenses	16,738,517	1,344,461	18,082,978	1,519,255	627,456	2,146,711	20,229,689	41,594,282	
Operating income (loss)	Dr. 2,173,000	Dr. 156,447	Dr. 2,329,447	Dr. 408,164	Dr. 140,789	Dr. 548,953	Dr. 2,878,400	Dr. 5,866,544	
Non-operating income - net:									
Capital gains and losses	Dr. 307,153	228	Dr. 306,925	11,957	39	11,996	Dr. 294,929	Dr. 294,939	
Interest and discounts	73,892	5	73,897	1,318	2,299	3,617	77,514	157,095	
Miscellaneous non-operating income	Dr. 105,010	Dr. 1,752	Dr. 106,762	Dr. 7,317	657	Dr. 6,660	Dr. 113,422	Dr. 196,147	
Income before interest expense	Dr. 2,511,271	Dr. 157,966	Dr. 2,669,237	Dr. 402,206	Dr. 137,794	Dr. 540,000	Dr. 3,209,237	Dr. 6,200,535	
Interest expense	925,420	36,739	962,159	36,309	10,879	47,188	1,009,347	2,015,004	
Income before income taxes	Dr. 3,436,691	Dr. 194,705	Dr. 3,631,396	Dr. 438,515	Dr. 148,673	Dr. 587,188	Dr. 4,218,584	Dr. 8,215,539	
Provision for income taxes	-	-	-	-	1,772	1,772	1,772	4,136	
Net income after income taxes	Dr. 3,436,691	Dr. 194,705	Dr. 3,631,396	Dr. 438,515	Dr. 150,445	Dr. 588,960	Dr. 4,220,356	Dr. 8,219,675	

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

February, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	2,483,600	53,007	160,242	167,975	115,099	9,881,503	12,861,426	26,887,324
Express	13,995	-	8,946	25,698	1,505	218,658	268,802	546,005
Freight	150,001	79,218	34,749	-	21,428	506,269	791,665	1,535,762
Excess baggage	21,291	767	5,773	5,002	1,469	62,966	97,320	186,013
Mail	121,799	19,803	42,446	35,002	19,131	832,370	1,070,551	2,164,364
Total unit toll transportation	2,790,686	152,795	252,156	233,729	158,632	11,501,766	15,089,764	31,319,468
Bulk transportation	52,118	37,348	151,630	-	161,980	57,442	460,518	787,052
Total transportation	2,842,804	190,143	403,786	233,729	320,612	11,559,208	15,550,282	32,106,520
Other flying services	-	-	-	-	-	324	324	705
Total flying services	2,842,804	190,143	403,786	233,729	320,612	11,559,532	15,550,606	32,107,225
Non-flying services	45,076	8,268	28,182	1,638	1,656	118,105	202,925	407,025
Total operating revenues	2,887,880	198,411	431,968	235,367	322,268	11,677,637	15,753,531	32,514,250
Operating expenses:								
Flying operations	1,249,623	84,368	189,015	73,439	146,901	2,825,415	4,568,761	9,515,386
Maintenance	578,456	53,483	75,243	63,788	130,082	2,941,658	3,842,710	8,035,394
General services and administrations:								
Passenger service	303,033	6,760	11,819	2,995	12,155	959,527	1,296,289	2,714,550
Aircraft and traffic servicing	470,911	37,776	125,304	23,764	17,898	2,129,883	2,805,536	5,727,740
Promotion and sales	609,374	6,183	13,506	39,510	21,181	1,958,378	2,648,132	5,379,768
General administration	167,406	17,765	37,166	18,894	16,763	528,679	786,653	1,655,344
Totals	1,550,724	66,484	187,775	85,163	67,997	5,576,467	7,556,610	15,475,402
Depreciation and amortization	214,985	16,424	41,875	30,566	29,858	1,801,189	2,134,897	4,339,510
Total operating expenses	3,593,788	222,759	493,908	252,956	374,838	13,144,729	18,082,978	37,365,692
Operating income (loss)	Dr. 705,908	Dr. 24,348	Dr. 61,940	Dr. 17,589	Dr. 52,570	Dr. 1,467,092	Dr. 2,329,447	Dr. 4,851,442
Non-operating income - net:								
Capital gains and losses	Dr. 307,153	33	-	195	-	-	Dr. 306,925	Dr. 306,935
Interest and discounts	20,150	6	-	-	11	53,742	73,897	149,992
Miscellaneous non-operating income	Dr. 38,650	151	Dr. 1,474	Dr. 429	-	Dr. 66,360	Dr. 106,762	Dr. 174,490
Income before interest expense	Dr. 1,031,561	Dr. 24,170	Dr. 63,414	Dr. 17,823	Dr. 52,559	Dr. 1,479,710	Dr. 2,669,237	Dr. 5,182,875
Interest expense	-	3,940	8,282	15,233	9,284	925,420	962,159	1,922,765
Income before income taxes	Dr. 1,031,561	Dr. 28,110	Dr. 71,696	Dr. 33,056	Dr. 61,843	Dr. 2,405,130	Dr. 3,631,396	Dr. 7,105,640
Provision for income taxes	-	-	-	-	-	-	-	-
Net income after income taxes	Dr. 1,031,561	Dr. 28,110	Dr. 71,696	Dr. 33,056	Dr. 61,843	Dr. 2,405,130	Dr. 3,631,396	Dr. 7,105,640

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

February, 1962

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	
Transportation services								
Unit toll:								
Revenue departures	No.	1,596	11,910	619	1,019	898	733	3,269
Revenue hours flown	"	3,079	16,373	642	1,120	658	837	3,257
Revenue miles scheduled	"	942,092	4,527,214	25,984	147,362	74,000	33,904	281,250
Revenue miles flown:								
Scheduled services - Regular	"	919,355	4,402,248	22,467	130,850	70,802	32,704	256,823
Extra section	"	3,348	78,971	1,007	8,673	-	-	9,680
Non-scheduled services	"	41,634	41,634	78,615	15,165	38,679	86,029	218,488
Totals	"	964,337	4,522,853	102,089	154,688	109,481	118,733	484,991
Ratio of regular miles flown to miles scheduled		97.6	97.1	86.5	88.8	95.7	96.5	...
Revenue passengers carried	No.	29,734	309,790	3,437	7,627	6,097	3,377	20,538
Revenue goods carried:								
Express	1b.	59,303	607,078	-	21,032	154,231	9,495	184,758
Freight	"	336,273	3,527,971	768,534	240,088	-	113,185	1,121,807
Excess baggage	"	-	6,344	6,344	17,820	27,669	8,810	60,643
Mail	"	277,013	2,190,186	109,079	118,982	292,511	54,260	574,832
Totals	"	672,589	5,988,962	883,957	397,922	474,411	185,750	1,942,040
Revenue passenger-miles:								
Scheduled services	No.	45,031,485	174,914,159	260,348	1,967,981	1,491,251	328,670	4,048,250
Non-scheduled services	"	939,094	939,094	300,473	34,087	438,961	880,646	1,654,167
Totals	"	45,970,579	174,914,159	560,821	2,002,068	1,930,212	1,209,316	5,702,417
Available seat-miles on scheduled services	"	94,870,095	386,151,030	566,514	4,849,364	2,399,920	741,394	8,557,192
Passenger load factor on scheduled services		47.5	60.0	46.0	40.6	62.1	44.3	...
Revenue goods ton-miles:								
Express - Scheduled services	No.	15,735	225,419	-	8,000	18,848	583	27,431
Non-scheduled services	"	659	659	-	-	7,197	1,727	8,924
Totals	"	16,394	225,419	-	8,000	26,045	2,310	36,355
Freight - Scheduled services	"	403,303	1,952,184	6,323	65,709	-	861	72,893
Non-scheduled services	"	1,349	1,349	182,745	1,369	-	21,327	205,441
Totals	"	404,652	1,952,184	189,068	67,078	-	22,188	2,635,170

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

February, 1962

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	Group I carriers			Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)		Total(1)
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	24,539	86,402	110,941	171	3,401	3,300	367	7,239	118,180
Non-scheduled services . "	86	-	86	460	31	1,719	1,078	3,288	3,374
Totals . "	24,625	86,402	111,027	631	3,432	5,019	1,445	10,527	121,554
Mail - Scheduled services . "	89,494	958,898	1,048,392	3,764	38,059	5	1,675	43,503	1,091,895
Non-scheduled services . "	4,199	-	4,199	8,191	411	23,781	6,643	39,026	43,225
Totals . "	93,693	958,898	1,052,591	11,955	38,470	23,786	8,318	82,529	1,135,120
Total - Scheduled services . "	533,071	3,222,903	3,755,974	10,258	115,169	22,153	3,486	151,066	3,907,040
Non-scheduled services . "	6,293	-	6,293	191,396	1,811	32,697	30,775	256,679	262,972
Totals . "	539,364	3,222,903	3,762,267	201,654	116,980	54,850	34,261	407,745	4,170,012
Available ton-miles on scheduled services . "	12,477,607	39,487,333	51,964,940	70,248	609,419	237,890	81,177	998,734	52,963,674
Weight load factor on scheduled services (2) . "	40.4	52.5	...	51.7	51.2	72.0	44.8	...	...
<u>Bulk:</u>									
Revenue - Departures . No.	17	29	46	197	1,313	-	264	1,774	1,820
Hours flown . "	58	71	129	197	1,204	-	568	1,969	2,098
Miles flown . "	16,649	21,153	37,802	27,952	138,013	-	95,918	261,883	299,685
Passengers carried . "	499	1,023	1,522	105	1,102	-	533	1,740	3,262
Freight carried . lb. "	9,979	-	9,979	1,242,769	2,970,911	-	563,536	4,777,216	4,787,195
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown . No.	-	1	1	-	-	-	-	-	1
<u>Total - All services</u>									
<u>Traffic: (3)</u>									
Revenue:									
Departures . No.	1,613	10,343	11,956	816	2,332	898	997	5,043	16,999
Hours flown . "	3,137	13,366	16,503	839	2,324	658	1,405	5,226	21,729
Miles flown . "	980,986	3,579,669	4,560,655	130,041	292,701	109,481	214,651	746,874	5,307,529
Passengers carried . "	30,233	281,079	311,312	3,542	8,729	6,097	3,910	22,278	333,590
Cargo carried . lb. "	405,555	3,798,776	4,204,331	2,011,303	3,232,031	154,231	686,216	6,083,781	10,288,112
Goods carried . "	682,568	5,988,962	6,671,530	2,126,726	3,368,833	474,411	749,286	6,719,256	13,390,786

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
February, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	160	491	651	40	69	12	40	161	812
Passengers carried	408	..	..	112	173	134	73	492	..
Goods carried	115,797	..	..	18,112	36,896	-	10,860	65,868	..
Passenger-miles	902,251	6,482,780	7,385,031	29,145	58,123	40,035	28,531	155,834	7,540,865
Goods ton-miles	185,617	334,767	520,384	4,060	13,180	-	4,143	21,383	541,767
Fuel consumed:									
Turbo fuel - Quantity	2,361,007	9,354,251	11,715,258	-	-	88,838	-	88,838	11,804,096
Cost	385,922	1,271,338	1,657,260	-	-	19,251	-	19,251	1,676,511
Gasoline - Quantity	290,057	21,365	311,402	118,546	177,790	33,116	174,871	504,323	815,725
Cost	83,706	6,805	90,511	38,995	82,405	9,970	64,562	195,932	286,443
Oil consumed:									
Turbo aircraft - Quantity	379	2,122	2,501	-	-	678	-	678	3,179
Cost	2,887	21,170	24,057	-	-	402	-	402	24,459
Other aircraft - Quantity	2,884	303	3,187	1,343	2,144	602	1,699	5,788	8,975
Cost	2,553	291	2,844	1,345	2,680	516	1,699	6,240	9,084
Average number of employees:									
Flying personnel	375	1,494	1,869	33	89	31	69	222	2,091
Other personnel	2,152	10,135	12,287	161	361	240	238	1,000	13,287
Totals	2,527	11,629	14,156	194	450	271	307	1,222	15,378
Salaries and wages paid:									
Flying personnel	306,345	1,096,081	1,402,426	21,762	68,065	19,542	37,922	147,291	1,549,717
Other personnel	895,090	4,320,871	5,215,961	61,286	162,655	86,853	90,892	401,686	5,617,647
Totals	1,201,435	5,416,952	6,618,387	83,048	230,720	106,395	128,814	548,977	7,167,364

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Standard passenger weight used: 200 pounds.

(3) Except for hours flown, these data relate to transportation services only.

(4) Excludes Group I carriers.

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company
February, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	24,752	3,110	7,238	6,097	2,962	243,006	287,165
Domestic interline	2,546	327	-	-	-	37,050	41,901
Foreign interline	1,978	-	-	-	-	-	-
Totals (2)	29,276	3,437	7,238	6,097	2,962	280,056	329,066
Revenue express carried:							
Originated	59,303	-	21,032	154,231	9,495	607,078	851,139
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	59,303	-	21,032	154,231	9,495	607,078	851,139
Revenue freight carried:							
Originated	254,147	685,863	211,962	-	50,511	3,191,698	4,394,181
Domestic interline	10,304	-	-	-	-	-	10,304
Foreign interline	45,654	-	-	-	-	-	45,654
Totals (2)	310,105	685,863	211,962	-	50,511	3,191,698	4,450,139
Revenue excess baggage carried:							
Originated	-	6,344	17,305	27,669	6,745	-	58,063 (3)
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	-	6,344	17,305	27,669	6,745	-	58,063 (3)
Revenue mail carried:							
Originated	277,013	109,079	110,507	292,511	18,642	2,190,186	2,997,938
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals (2)	277,013	109,079	110,507	292,511	18,642	2,190,186	2,997,938

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service
February, 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	1,610	230	456	89	2,385	10,258	12,643
Revenue hours flown	2,398	846	1,384	602	5,230	11,980	17,210
Revenue miles scheduled	552,640	377,471	536,816	242,927	1,709,854	2,851,264	4,561,118
Revenue miles flown:							
Scheduled services - Regular	506,689	367,280	522,320	242,927	1,639,216	2,795,736	4,434,952
Extra sections	13,530	10,462	8,851	-	32,843	46,128	78,971
Non-scheduled services	-	-	-	-	-	127,663	127,663
Totals	520,219	377,742	531,171	242,927	1,672,059	2,969,527	4,641,586
Ratio of regular miles flown to miles scheduled	91.7	97.3	97.3	100.0	95.9	98.0	97.2
Revenue passengers .....	...	...	...	...	98,177	214,990	313,167
Revenue cargo .....	...	...	...	...	1,727,843	2,597,999	4,325,842
Revenue mail .....	...	...	...	...	302,901	2,218,558	2,521,459
Revenue passenger-miles	22,008,864	20,360,853	40,027,376	12,621,754	95,018,847	127,075,207	222,094,054
Available seat-miles on scheduled services	34,602,762	46,540,638	60,494,797	27,445,737	169,083,934	217,808,490	386,892,424
Passenger load factor on scheduled services	63.6	43.7	66.2	46.0	56.2	58.3	57.4
Revenue goods ton-miles:							
Express	39,489	-	-	-	39,489	204,634	244,123
Freight	150,398	568,741	211,915	153,946	1,085,000	1,294,024	2,379,024
Excess baggage	10,806	16,211	28,044	4,904	59,965	52,507	112,472
Mail	29,779	156,192	36,562	37,410	259,943	800,966	1,060,909
Totals	230,472	741,144	276,521	196,260	1,444,397	2,352,131	3,796,528
Available ton-miles on scheduled services	4,368,943	6,496,527	8,451,788	3,588,365	22,905,623	29,140,494	52,046,117
Weight load factor on scheduled services(1)	55.7	42.7	50.6	40.6	47.8	55.9	49.5

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

February, 1962

	Month		Year to date	
	Revenue hours	Revenue earned \$	Revenue hours	Revenue earned \$
Flying training	No.	No.	No.	\$
.....	1,517	25,846	3,195	63,973
Recreational flying	534	8,859	1,089	18,592
Aerial photography and survey	185	25,457	225	38,143
Aerial photography (excl. survey)	8	404	23	955
Aerial pest control	-	-	-	-
Aerial advertising	6	400	10	725
Aerial patrol and inspection	531	40,952	1,113	81,017
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	-	-
Geophysical survey	758	65,997	1,078	118,810
Non-transportation charter	17	850	29	1,450
Other specialty flying	15	4,951	27	9,604
Total specialty flying	3,571	173,716	6,789	333,269

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

February, 1962

	Month	Year to date
Revenue hours flown	1,181	2,191
Average number of aircraft	120	117
Average number of employees:		
Flying personnel	184	182
Other personnel	135	136
Totals	319	318
Salaries and wages paid:		
Flying personnel	106,852	213,332
Other personnel	75,384	149,759
Totals	182,236	363,091
Operating revenues:		
Bulk transportation	170,076	323,025
Other flying services	15,019	30,711
Non-flying services	42,913	76,469
Totals	228,008	430,205
Operating expenses:		
Flying operations	186,266	335,003
Maintenance	126,421	216,831
General services and administration ..	101,031	179,323
Depreciation and amortization	84,408	179,336
Totals	498,126	910,493
Operating income (Loss)	Dr. 270,118	Dr. 480,288
Net income (deficit) after income taxes \$	Dr. 270,685	Dr. 487,676

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)
February, 1962

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	62,696	56,666	119,362	7,423	7,291	14,714
Bulk transportation	"	315	275	590	518	490	1,008
Totals	"	63,011	56,941	119,952	7,941	7,781	15,722
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	330,309	1,608,142	1,938,451	332,909	1,022,149	1,355,058
Bulk transportation	"	-	-	-	-	-	-
Totals	"	330,309	1,608,142	1,938,451	332,909	1,022,149	1,355,058
Mail carried (Unit toll transportation) ..	"	124,290	204,939	329,229	87,204	106,391	193,595
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	8,562	6,862	15,424	78,681	70,819	149,500
Bulk transportation	"	-	-	-	833	765	1,598
Totals	"	8,562	6,862	15,424	79,514	71,584	151,098
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	94,696	39,090	133,786	757,914	2,669,381	3,427,295
Bulk transportation	"	-	-	-	-	-	-
Totals	"	94,696	39,090	133,786	757,914	2,669,381	3,427,295
Mail carried (Unit toll transportation) ..	"	8,346	9,534	17,880	219,840	320,864	540,704

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(1) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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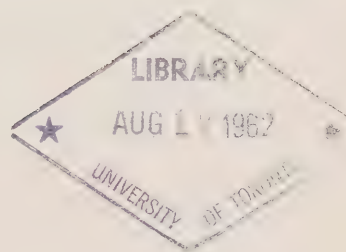
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CIVIL AVIATION

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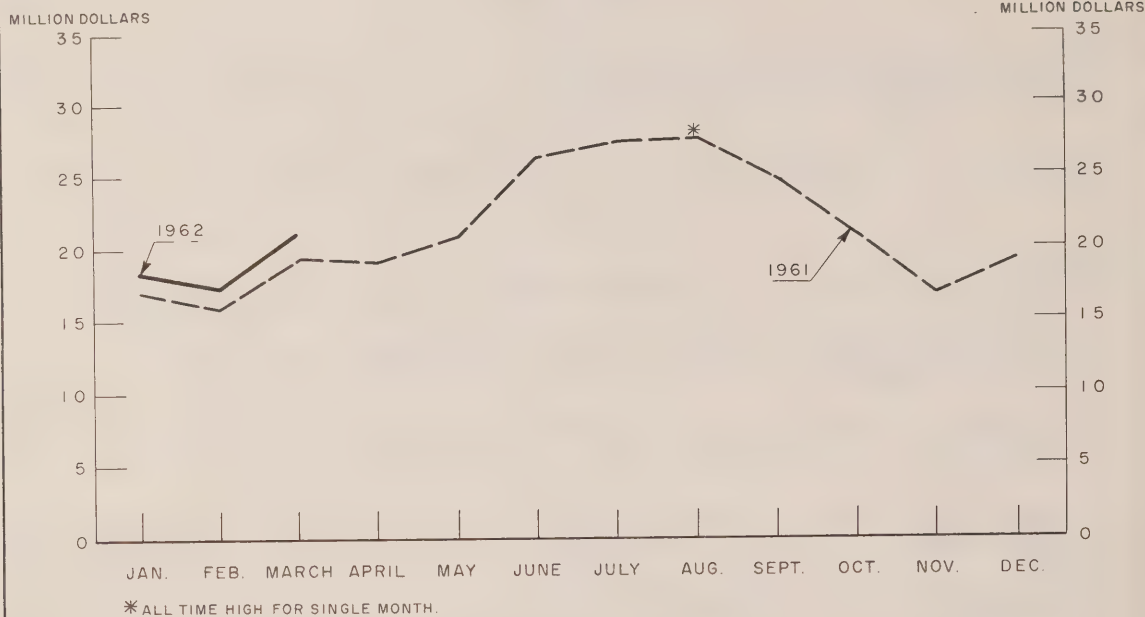
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SYMBOLS

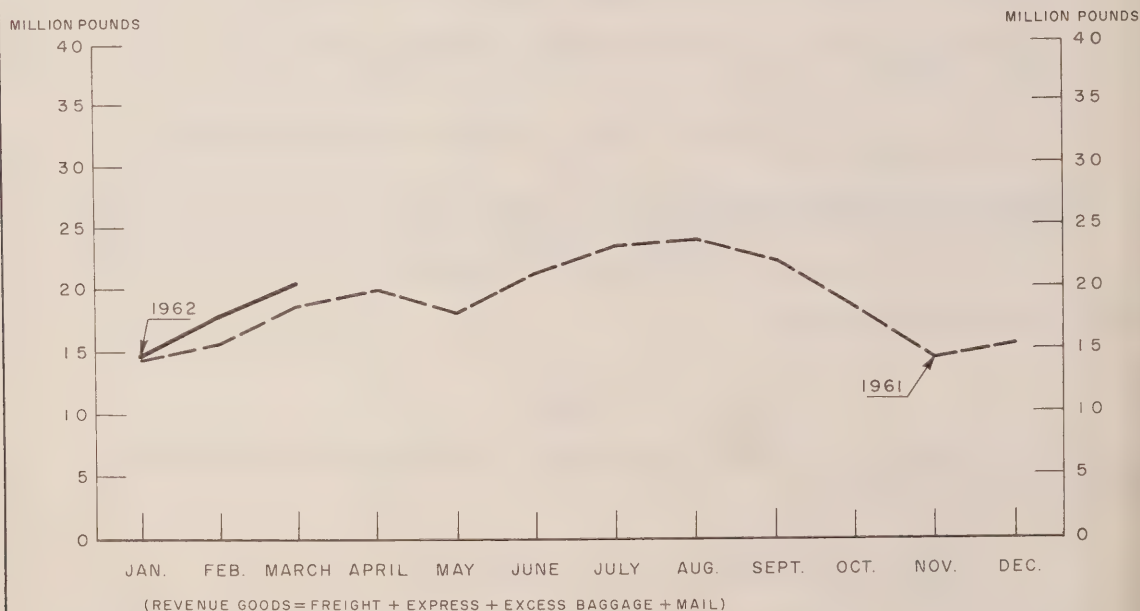
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd., which is classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Review of March operations.

In March 1962, there was a substantial increase in both the number of revenue passengers and volume of revenue goods transported by Canadian air carriers as compared with the same month of 1961. Passengers carried rose 12.3 per cent to 418,746 from 372,762 and goods flown increased 9.6 per cent to 20,360,183 lbs. from 18,574,929 lbs. Revenue miles flown were up 2.1 per cent to 7,639,390 from 7,478,752. Operating revenues rose 8.9 per cent to \$20,989,152 from \$19,269,561 a year earlier, while operating expenses increased 5.1 per cent to \$22,114,474 from \$21,046,682. As a result the operating loss of \$1,125,322 was considerably lower than that of \$1,777,121 reported on March 1961 and the deficit, after provision for income taxes and other charges, decreased to \$2,280,639 from \$2,493,054.

For the three month period, January to March, both revenue passengers and revenue goods registered an increase when compared with the same period of 1961. The number of passengers increased 14 per cent to 1,172,502 from 1,028,593 and the volume of goods rose 9 per cent to 52,876,388 lbs. from 48,514,542 lbs. Operating revenues increased 9.3 per cent in the period, to \$56,817,557 from \$51,981,690, more than offsetting an increase of 5.7 per cent in operating expenses which rose to \$63,909,849 from \$60,439,259.

In March, the six scheduled carriers transported 384,572 revenue passengers or 91.8 of the total number carried and 13,192,708 lbs. of revenue goods or 64.8 per cent of the total transported. In March of last year, 93.6 per cent of the revenue passengers and 60 per cent of the revenue goods were transported by scheduled carriers.

Tables 10 and 11 cover the operations of the Group V carriers for the first quarter of 1962. These carriers transported 13,011 revenue passengers as against 12,801 and 875,960 lbs. of revenue goods as compared with 1,026,510 lbs. in the corresponding period of 1961.

Foreign carriers licensed to operate in Canada transported 65,172 revenue passengers in March, 1962, as compared with 55,843 in the same month of 1961, an increase of 11.7 per cent. The volume of revenue goods flown by these same carriers rose to 2,128,158 from 1,994,784 an increase of 6.7 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canada territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

March, 1962

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers		Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
		Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	21	59	80	86	9	8	103	...
Transportation services:									
Unit toll:									
Revenue departures	17,413	3,299	828	4,127	21,540	..	..	..	..
Revenue hours flown	22,444	3,132	607	3,739	26,183	450	662	27,295	77,811
Revenue miles scheduled ...	5,436,173	...	...	...	5,436,173	112,803	253,282	5,802,258	16,539,582
Revenue miles flown:									
Scheduled services	5,502,284/	...	...	...	5,502,284/	111,794	258,002	5,872,084/	16,604,9634/
Non-scheduled services ...	331,3174/	382,134	68,688	450,822	782,1384/	-	-	782,1394/	2,155,1144/
Totals	5,833,606	382,134	68,688	450,822	6,284,428	111,794	258,002	6,654,224	18,760,077
Revenue passengers carried	380,987	10,685	2,345	13,030	394,017	48,324	16,468	458,809	1,294,115
Revenue goods carried:									
Cargo	6,360,054	551,706	250,855	802,561	7,162,615	785,724	1,065,299	9,111,712	24,928,003
Excess baggage	83,9455/	6,797	7,332	14,129	98,0745/	-	-	-	-
Mail	3,397,548	301,152	17,846	318,998	3,716,546	173,137	103,998	3,993,681	10,867,327
Totals	9,841,547	859,655	276,033	1,135,688	10,977,235	958,861	1,169,297	13,105,393	35,795,330
Revenue passenger-miles	275,676,845	2,316,982	190,761	2,507,743	278,184,588	2,383,423	11,977,340	292,545,351	795,067,696
Revenue goods ton-miles:									
Cargo	3,585,004	119,170	560,379	679,549	4,264,553	21,758	380,477	4,827,412	12,090,984
Excess baggage	156,014	4,184	426	4,610	160,624	-	-	-	-
Mail	1,338,641	58,912	951	59,863	1,398,504	3,497	42,231	1,444,232	3,888,361
Totals	5,079,659	182,266	561,756	744,022	5,823,681	25,255	422,708	6,271,644	15,979,345
Bulk:									
Revenue - Departure	1,683	3,960	5,838	9,798	11,481	..	..	..	..
Hours flown	2,084	4,884	5,239	10,123	12,207	-	10	12,217	31,909
Miles flown	293,460	514,974	546,528	1,061,502	1,354,962	-	2,730	1,357,692	3,516,696
Passengers carried	3,585	8,439	12,705	21,144	24,729	-	380	25,109	61,757
Freight carried .. lb.	3,351,161	4,265,419	1,766,368	6,031,787	9,382,948	-	-	9,382,948	23,006,787
Non-transportation services:									
Specialty flying:									
Revenue hours flown	6	1,198	4,255	5,453	5,459	-	-	5,459	12,773

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

March, 1962

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers				United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Total - All services:									
Traffic, hours and miles: (6)									
Revenue:									
Departures	19,096	7,259	6,666	13,925	33,021	..	..	44,971	122,493
Hours flown	24,534	9,214	10,101	19,315	43,849	450	672	8,011,916	22,276,773
Miles flown	6,127,066	897,108	615,216	1,512,324	7,639,390	111,794	260,732	18,483,918	1,355,872
Passengers carried	384,572	19,124	15,050	34,174	418,746	48,324	16,848	1,065,299	47,934,790
Cargo carried	9,711,215	4,817,125	2,017,223	6,834,348	16,545,563	785,724	1,169,297	22,488,341	58,802,117
Goods carried	13,192,708	5,125,074	2,042,401	7,167,475	20,360,183	958,861	1,169,297	22,488,341	58,802,117
Non-revenue:									
Hours flown	1,117	1,126	432	1,558	2,675	4	-	2,679	6,092
Passengers carried .....	..	473	37	510	..	652	486	..	..
Goods carried .....	..	19,466	-	19,466	..	19,800	99,340	..	..
Passenger-miles	11,599,049	193,534	1,041	194,575	11,793,624	30,296	367,573	12,191,493	30,932,802
Goods ton-miles	528,802	10,733	-	10,733	539,535	1,661	33,501	574,697	1,643,495
Fuel consumed:									
Turbo fuel - Quantity	13,892,871	23,718	-	23,718	13,916,589	201,974	1,784,368	15,902,931	44,170,160
Cost	1,936,693	4,518	-	4,518	1,941,211	32,419	293,720	2,267,350	6,373,671
Gasoline - Quantity	864,111	467,617	173,707	641,324	1,505,435	58,288	242,750	1,806,473	5,282,743
Cost	295,424	177,543	73,203	250,746	546,170	14,253	55,407	615,830	1,797,469
Oil consumed:									
Turbo aircraft - Quantity ..	3,599	2	-	2	3,601	43	76	3,720	10,722
Cost	30,247	8	-	8	30,255	198	642	31,095	89,323
Other aircraft - Quantity ..	11,217	6,006	2,521	8,527	19,744	309	2,393	22,446	63,234
Cost	11,074	7,580	3,390	10,970	22,044	272	1,675	23,991	67,508
Average number of employees:									
Flying personnel	2,144	395	234	629	2,773	..	..	..	..
Other personnel	13,376	700	464	1,164	14,540	..	..	..	..
Totals	15,520	1,095	698	1,793	17,313	264	748	18,325	18,351
Salaries and wages paid:									
Flying personnel	1,815,664	240,725	118,369	359,094	2,174,758	..	..	..	..
Other personnel	6,084,652	312,304	179,402	491,706	6,576,358	..	..	..	..
Totals	7,900,316	553,029	297,771	850,800	8,751,116	124,002	332,248	9,207,366	26,567,830

(1) Nordair Ltd. included with Group III carriers for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

March, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	15,032,813	613,455	15,646,268	240,037	32,321	272,358	15,918,626	43,308,479
Express	278,807	10,158	288,965	9,354	9,314	18,668	307,633	889,831
Freight	808,607	185,871	994,478	69,560	6,429	75,989	1,070,467	2,752,883
Excess baggage	113,621	15,125	128,746	5,280	668	5,948	134,694	331,882
Mail	1,027,811	127,357	1,155,168	115,855	5,208	121,063	1,276,231	3,635,097
Total unit toll transportation ..	17,261,659	951,966	18,213,625	440,086	53,940	494,026	18,707,651	50,918,172
Bulk transportation	66,688	400,295	466,983	643,371	431,460	1,074,831	1,541,814	4,112,419
Total transportation	17,328,347	1,352,261	18,680,608	1,083,457	485,400	1,568,857	20,249,465	55,030,591
Other flying services	1,116	-	1,116	109,643	114,424	224,067	225,183	558,879
Total flying services	17,329,463	1,352,261	18,681,724	1,193,100	599,824	1,792,924	20,474,648	55,589,470
Non-flying services	246,536	352,379	300,915	89,042	124,547	213,589	514,504	1,228,087
Total operating revenues	17,575,999	1,406,640	18,982,639	1,282,142	724,371	2,006,513	20,989,152	56,817,557
Operating expenses:								
Flying operations	4,437,253	533,717	4,970,970	710,022	284,261	994,283	5,965,253	17,165,441
Maintenance	4,043,851	375,185	4,419,036	373,887	182,785	556,672	4,975,708	14,260,096
General services and administration:								
Passenger service	1,475,986	35,173	1,511,159	..	..	..	..	..
Aircraft and traffic servicing	2,779,769	186,084	2,965,853	..	..	..	..	..
Promotion and sales	2,827,729	91,451	2,919,180	..	..	..	..	..
General administration	773,326	87,995	861,321	..	..	..	..	..
Totals	7,856,810	400,703	8,257,513	282,683	151,957	434,640	8,692,153	25,094,514
Depreciation and amortization	2,088,863	119,413	2,208,276	167,555	105,549	273,084	2,481,360	7,389,798
Total operating expenses	18,426,777	1,429,018	19,855,795	1,534,127	724,552	2,258,679	22,114,474	63,909,849
Operating income (loss)	Dr. 850,778	Dr. 22,378	Dr. 873,156	Dr. 251,985	Dr. 181	Dr. 252,166	Dr. 1,125,322	Dr. 7,092,292
Non-operating income - Net:								
Capital gains and losses	Dr. 120,000	3,421	Dr. 116,579	6,618	2,310	8,928	Dr. 107,651	Dr. 402,590
Interest and discounts	82,921	1,336	84,257	8,115	1,904	10,019	94,276	251,371
Miscellaneous non-operating income ..	Dr. 94,595	Dr. 6,428	Dr. 101,023	5,462	984	6,466	Dr. 94,557	Dr. 290,704
Income before interest expense	Dr. 982,452	Dr. 24,049	Dr. 1,006,501	Dr. 231,770	5,017	Dr. 226,753	Dr. 1,233,254	Dr. 7,534,215
Interest expense	941,123	42,098	983,221	50,784	12,204	62,988	1,046,209	3,065,186
Income before income taxes	Dr. 1,923,575	Dr. 66,147	Dr. 1,989,722	Dr. 282,554	Dr. 7,187	Dr. 289,741	Dr. 2,279,463	Dr. 10,599,401
Provision for income taxes	-	-	-	-	1,176	1,176	1,176	6,756
Net income after income taxes	Dr. 1,923,575	Dr. 66,147	Dr. 1,989,722	Dr. 282,554	Dr. 8,363	Dr. 290,917	Dr. 2,280,639	Dr. 10,606,157

(1) Nordair Ltd., included with Group III carriers for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

March, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	3,019,279	75,186	189,118	218,005	131,146	12,013,534	15,646,268	42,533,592
Express	14,224	-	8,591	-	1,567	264,583	288,965	1,834,970
Freight	202,792	85,175	44,386	34,538	21,772	605,815	994,478	2,530,240
Excess baggage	23,785	997	5,833	6,769	1,526	89,836	128,746	314,759
Mail	139,483	22,086	42,141	41,926	21,204	888,328	1,155,168	3,319,532
Total unit toll transportation ..	3,399,563	183,444	290,069	301,238	177,215	13,862,096	18,213,625	49,533,093
Bulk transportation	28,986	11,959	175,840	1,199	211,297	37,702	466,983	1,254,035
Total transportation	3,428,549	195,403	465,909	302,437	388,512	13,899,798	18,680,608	50,787,128
Other flying services	-	195,403	465,909	-	-	1,116	1,116	1,821
Total flying services	3,428,549	390,806	931,818	302,437	388,512	13,900,914	18,681,724	50,788,949
Non-flying services	72,924	7,767	32,276	12,766	1,590	173,612	300,915	707,940
Total operating revenues	3,501,473	203,170	498,185	315,183	390,102	14,074,526	18,982,639	51,496,889
Operating expenses:								
Flying operations	1,375,202	88,124	194,157	85,622	165,814	3,062,051	4,970,970	14,486,356
Maintenance	624,009	51,916	102,905	65,046	155,318	3,419,842	4,419,036	12,454,430
General services and administrations:								
Passenger service	339,001	6,733	12,776	4,610	11,054	1,136,985	1,511,159	4,225,709
Aircraft and traffic servicing	468,594	38,073	113,267	27,862	6,882	2,311,175	2,965,853	8,693,593
Promotion and sales	664,389	6,907	17,057	40,677	26,810	2,163,340	2,919,180	8,298,948
General administration	172,127	16,610	37,503	19,298	14,584	601,199	861,321	2,514,665
Totals	1,644,111	68,323	180,603	92,447	59,330	6,212,699	8,257,513	23,732,915
Depreciation and amortization	237,576	16,434	42,760	30,653	29,566	1,851,287	2,208,276	6,547,786
Total operating expenses	3,880,898	224,797	520,425	273,768	410,028	14,545,879	19,855,795	57,221,487
Operating income (loss)	Dr. 379,425	Dr. 21,627	Dr. 22,240	41,415	Dr. 19,926	Dr. 471,353	Dr. 873,156	Dr. 5,724,598
Non-operating income - Net:								
Capital gains and losses	Dr. 120,000	3,421	-	-	-	-	Dr. 116,579	Dr. 423,514
Interest and discounts	21,161	1,326	-	Dr. 26	36	61,760	84,257	234,249
Miscellaneous non-operating income ..	237	46	Dr. 5,497	Dr. 977	-	Dr. 94,832	Dr. 101,023	Dr. 275,513
Income before interest expense	Dr. 478,027	Dr. 16,834	Dr. 27,737	40,412	Dr. 19,890	Dr. 504,425	Dr. 1,006,501	Dr. 6,189,376
Interest expense	-	5,533	9,944	15,729	10,892	941,123	983,221	2,905,986
Income before income taxes	Dr. 478,027	Dr. 22,367	Dr. 37,681	24,683	Dr. 30,782	Dr. 1,445,548	Dr. 1,989,722	Dr. 9,095,362
Provision for income taxes	-	-	-	-	-	-	-	-
Net income after income taxes	Dr. 478,027	Dr. 22,367	Dr. 37,681	24,683	Dr. 30,782	Dr. 1,445,548	Dr. 1,989,722	Dr. 9,095,362

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

March, 1962

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(l)	Quebecair Inc. (1)	Transair Ltd. (1)	
Transportation services:								
Unit toll:								
Revenue departures	No.							
Revenue hours flown	"							
Revenue miles scheduled	"							
Revenue miles flown:								
Scheduled services - Regular	"							
Extra section	"							
Non-scheduled services	"							
Totals	"							
Ratio of regular miles flown to miles scheduled								
Revenue passengers carried	No.							
Revenue goods carried:								
Express	lb.							
Freight	"							
Excess baggage	"							
Mail	"							
Totals	"							
Revenue passenger-miles:								
Scheduled services	No.							
Non-scheduled services	"							
Totals	"							
Available seat-miles on scheduled services	"							
Passenger load factor on scheduled services								
Revenue goods ton-miles:								
Express - Scheduled services	No.							
Non-scheduled services	"							
Totals	"							
Freight - Scheduled services	"							
Non-scheduled services	"							
Totals	"							

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued
March, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	26,936	114,385	141,321	442	3,878	4,368	308	8,996	150,317
Non-scheduled services	84	-	84	642	49	3,698	1,224	5,613	5,697
Totals	27,020	114,385	141,405	1,084	3,927	8,066	1,532	14,090	156,014
Mail - Scheduled services	97,065	1,142,002	1,239,067	4,155	43,818	221	1,832	50,026	1,289,093
Non-scheduled services	4,537	-	4,537	9,242	294	28,248	7,227	45,011	49,548
Totals	101,602	1,142,002	1,243,604	13,397	44,112	28,469	9,059	95,037	1,338,641
Total - Scheduled services	714,329	3,881,428	4,595,757	10,384	128,752	26,273	3,158	168,567	4,764,324
Non-scheduled services	6,840	-	6,840	230,745	1,161	45,207	31,382	308,495	315,335
Totals	721,169	3,881,428	4,602,597	241,129	129,913	71,480	34,540	477,062	5,079,659
Available ton-miles on scheduled services	14,330,161	47,599,154	61,929,315	76,866	700,329	280,108	85,778	1,143,081	63,072,396
Weight load factor on scheduled services (3)	42.9	53.0	...	60.4	51.0	67.1	43.2	...	...
Bulk:									
Revenue - Departures	10	40	50	66	1,159	3	405	1,633	1,683
Hours flown	23	81	104	67	1,160	6	747	1,980	2,084
Miles flown	7,662	19,554	27,216	9,507	132,132	932	123,673	266,244	293,460
Passengers carried	259	1,019	1,278	420	1,181	25	681	2,307	3,585
Freight carried lb.	-	-	-	219,589	2,245,276	-	886,296	3,351,161	3,351,161
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	6	6	-	-	-	-	-	6
Total - All services:									
Traffic, hours and miles: (4)									
Revenue:									
Departures	1,861	11,778	13,639	832	2,285	1,117	1,223	5,457	19,096
Hours flown	3,545	15,126	18,671	912	2,441	838	1,672	5,863	24,534
Miles flown	1,113,927	4,155,198	5,269,125	141,936	311,176	150,736	254,093	857,941	6,127,066
Passengers carried	33,513	323,652	357,165	5,241	9,987	7,700	4,479	27,407	384,572
Cargo carried lb.	500,482	4,382,812	4,883,294	1,076,592	2,532,595	207,939	1,010,795	4,827,921	9,711,215
Goods carried	671,563	6,945,404	7,616,967	1,210,019	2,690,681	596,216	1,078,825	5,575,741	13,192,708

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
March, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	359	558	917	39	101	21	39	200	1,117
Passengers carried	1,468	..	..	183	239	115	91	628	..
Goods carried	121,207	..	..	18,765	45,742	-	11,092	75,599	..
Passenger-miles	3,399,659	7,988,086	11,387,745	36,792	86,346	32,720	55,446	211,304	11,599,049
Goods ton-miles	180,015	524,461	504,476	4,275	16,542	-	3,509	24,326	528,802
Fuel consumed:									
Turbo fuel - Quantity	2,922,238	10,849,528	13,771,766	-	-	121,105	-	121,105	13,892,871
Cost	444,675	1,462,903	1,907,578	-	-	29,115	-	29,115	1,936,693
Gasoline - Quantity	311,812	29,009	340,821	117,900	189,205	29,504	186,681	523,290	864,111
Cost	79,059	9,328	88,387	39,031	86,638	8,944	72,424	207,037	295,424
Oil consumed:									
Turbo aircraft - Quantity ..	506	2,658	3,164	-	-	435	-	435	3,599
Cost	4,269	25,726	29,995	-	-	252	-	252	30,247
Other aircraft - Quantity ..	3,881	210	4,091	1,127	2,288	433	3,278	7,126	11,217
Cost	3,279	178	3,457	1,136	2,860	343	3,278	7,617	11,074
Average number of employees:									
Flying personnel	384	1,538	1,922	33	89	35	65	222	2,144
Other personnel	2,141	10,220	12,361	154	363	249	249	1,015	13,376
Totals	2,525	11,758	14,283	187	452	284	314	1,237	15,520
Salaries and wages paid:									
Flying personnel	319,438	1,347,807	1,667,245	22,294	66,274	22,304	37,547	148,419	1,815,664
Other personnel	902,191	4,766,658	5,668,849	52,695	170,044	89,181	103,883	415,803	6,084,652
Totals	1,221,629	6,114,465	7,336,094	74,989	236,318	111,485	141,430	564,222	7,900,316

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

March, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	27,259	4,404	8,387	7,675	3,336		
Domestic interline	5,515	417	-	-	-	280,892	331,953
Foreign interline	2,029	-	-	-	-	41,741	47,702
Totals(2)	32,803	4,821	8,387	7,675	3,336	322,633	379,655
Revenue express carried:							
Originated	59,181	-	19,702	207,939	9,853	723,239	1,019,914
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	59,181	-	19,702	207,939	9,853	723,239	1,019,914
Revenue freight carried:							
Originated	320,842	830,165	245,409	-	47,019	3,659,573	5,103,008
Domestic interline	17,128	-	-	-	-	-	17,128
Foreign interline	57,505	-	-	-	-	-	57,505
Totals(2)	395,475	830,165	245,409	-	47,019	3,659,573	5,177,641
Revenue excess baggage carried:							
Originated .....	..	12,479	23,167	38,682	7,209	..	81,537 ^{3/}
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	12,479	23,167	38,682	7,209	..	81,537 ^{3/}
Revenue mail carried:							
Originated	171,081	120,948	127,324	349,595	20,189	2,562,592	3,351,729
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	171,081	120,948	127,324	349,595	20,189	2,562,592	3,351,729

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

March, 1962

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,883	392	444	100	2,819	11,588	14,407
Revenue hours flown	2,739	1,440	1,332	666	6,177	13,309	19,486
Revenue miles scheduled	610,292	641,382	469,518	272,601	1,993,793	3,169,104	5,162,897
Revenue miles flown:							
Scheduled services - Regular	602,479	635,511	460,488	272,601	1,971,079	3,130,224	5,101,303
Extra sections	8,933	3,547	51,389	-	63,869	65,579	129,448
Non-scheduled services	-	-	-	-	-	141,578	141,578
Totals	611,412	639,058	511,877	272,601	2,034,948	3,337,381	5,372,329
Ratio of regular miles flown to miles scheduled	98.7	99.1	98.1	100.0	98.9	98.8	98.8
Revenue passengers carried	No.	...	...	...	119,994	239,691	359,685
Revenue cargo carried	lb.	...	...	...	2,028,782	2,979,011	5,007,793
Revenue mail carried .....	..	...	...	...	430,386	2,362,558	2,792,944
Revenue passenger-miles	No.	26,204,100	41,076,588	13,214,196	124,124,152	145,947,381	270,071,533
Available seat-miles on scheduled services	"	40,537,585	58,532,898	31,143,244	208,965,300	246,218,310	455,183,610
Passenger load factor on scheduled services ...		64.6	70.2	42.4	59.4	59.3	59.3
Revenue goods ton-miles:							
Express	No.	45,247	-	-	45,247	246,130	291,377
Freight	"	199,980	634,820	220,644	1,305,835	1,644,325	2,950,160
Excess baggage	"	22,085	22,111	31,407	5,238	72,096	142,937
Mail	"	35,899	195,209	34,170	36,745	950,640	1,252,663
Totals	"	293,211	852,140	286,221	1,723,946	2,913,191	4,637,137
Available ton-miles on scheduled services	"	5,284,145	11,108,806	8,282,594	28,752,434	33,262,659	62,015,093
Weight load factor on scheduled services(1) ...		55.1	46.9	53.0	49.2	51.9	50.6

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

March, 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,888	53,645	6,565	124,153
Recreational flying	914	16,815	2,039	36,137
Aerial photography and survey	208	33,791	436	72,008
Aerial photography (excluding survey)	132	10,019	155	10,974
Aerial pest control	-	-	-	-
Aerial advertising	7	500	17	1,225
Aerial patrol and inspection	627	47,207	1,744	128,432
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	-	-
Geophysical survey	625	56,936	1,703	175,746
Non-transportation charter	-	-	29	1,450
Other specialty flying	58	6,365	85	15,969
Total specialty flying	5,459	225,278	12,773	566,094

TABLE 8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV

March, 1962

	Month	Year to date
Revenue hours flown	1,235	3,429
Average number of aircraft	119	119
Average number of employees:		
Flying personnel	176	180
Other personnel	121	132
Totals	297	312
Salaries and wages paid:		
Flying personnel	105,831	319,571
Other personnel	70,257	220,633
Totals	176,088	540,204
Operating revenues:		
Bulk transportation	92,065	415,283
Other flying services	12,996	43,707
Non-flying services	55,400	131,869
Totals	160,461	590,859
Operating expenses:		
Flying operations	127,265	463,117
Maintenance	6,532	226,644
General services and administration	Cr. 168	179,887
Depreciation and amortization	84,610	232,423
Totals	218,239	1,121,871
Operating income (loss)	Dr. 57,778	531,012
Net income (deficit) after income taxes	Dr. 61,858	542,469

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)
March, 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	66,718	73,217	139,935	11,533	12,693	24,226
Bulk transportation "	314	247	561	282	227	509
Totals "	67,032	73,464	140,496	11,815	12,920	24,735
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	343,499	1,902,093	2,245,592	360,532	970,835	1,331,367
Bulk transportation "	-	-	-	-	-	-
Totals "	343,499	1,902,093	2,245,592	360,532	970,835	1,331,367
Mail carried (unit toll transportation) "	212,617	244,935	457,552	100,847	114,533	215,380
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	8,283	9,738	18,021	86,534	95,648	182,182
Bulk transportation "	-	-	-	596	474	1,070
Totals "	8,283	9,738	18,021	87,130	96,122	183,252
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	140,638	85,375	226,013	844,669	2,958,303	3,802,972
Bulk transportation "	-	-	-	-	-	-
Totals "	140,638	85,375	226,013	844,669	2,958,303	3,802,972
Mail carried (unit toll transportation)	9,202	9,368	18,570	322,666	368,836	691,502

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers
First Quarter, 1962

	Quarter	Year to date
Number of reporting carriers	177	
Bulk transportation:		
Revenue hours flown	7,029	No.
Revenue passengers carried	13,011	"
Revenue goods carried	875,960	lb.
Specialty flying services:		
Revenue hours flown:		
Flying training	11,320	No.
Recreational flying	1,665	"
Aerial photography and survey	99	"
Aerial photography (excluding survey) "	-	"
Aerial pest control	45	"
Aerial advertising	-	"
Aerial patrol and inspection	527	"
Philanthropic	-	"
Aerial fish cultivation	-	"
Geophysical survey	-	"
Non-transportation charter	-	"
Other specialty flying	1,578	"
Total specialty flying services ...	15,234	"
Total - All services:		
Revenue hours flown	22,263	"
Non-revenue hours flown	1,528	"

TABLE 11. Statement of Income, Canadian Group V Carriers
First Quarter, 1962

	Quarter	Year to date
		dollars
Operating revenues:		
Bulk transportation	344,378	
Other flying services	260,701	
Total flying services	605,079	
Non-flying services	213,456	
Total operating revenues	818,535	
Operating expenses:		
Flying operations	465,891	
Maintenance	198,976	
General services and administration	206,495	
Depreciation	181,476	
Total operating expenses	1,052,838	
Operating income (loss)	Dr. 243,303	
Non-operating income - Net	Dr. 33,467	
Income before income taxes	Dr. 267,770	
Provision for income taxes		3,663
Net income after income taxes	Dr. 271,433	

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

CATALOGUE No.

51-001

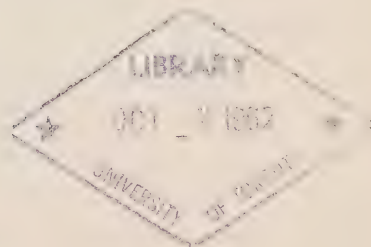
MONTHLY



CANADA

CIVIL AVIATION.

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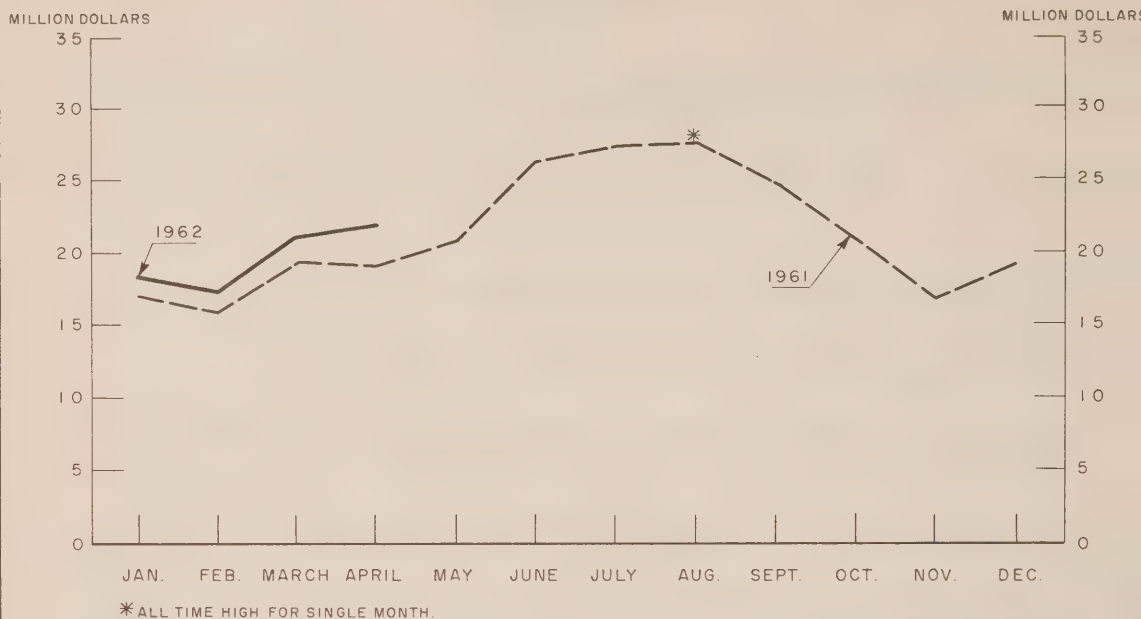
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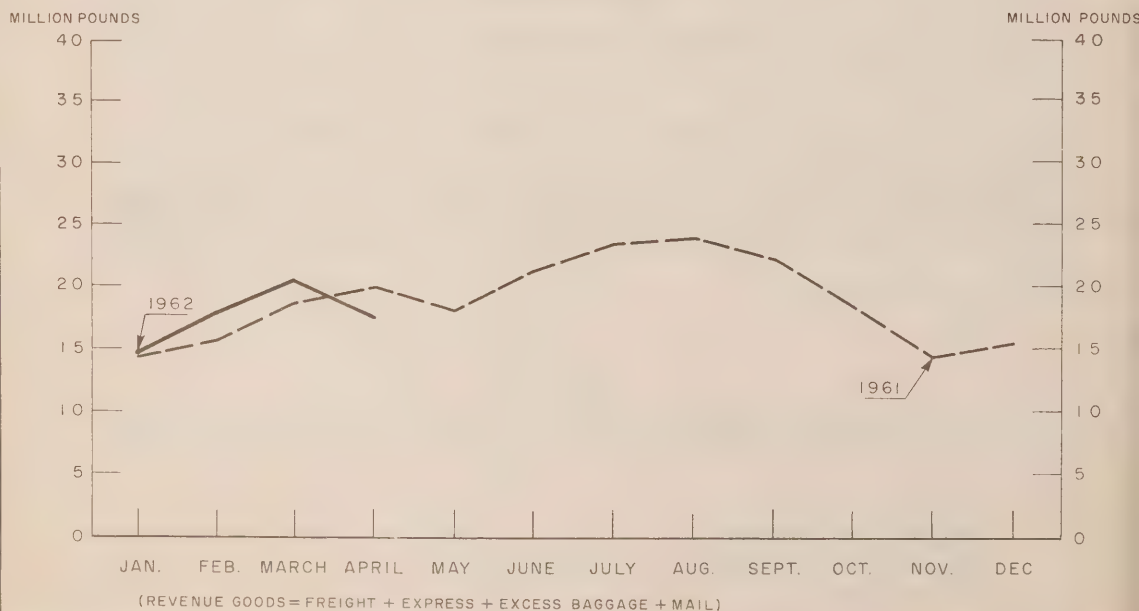
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- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Statistics on aircraft owned and leased by Canadian carriers are presented in Table 10 for each group of carriers, by category of aircraft and weight group.

Review of April operations.

During the month of April 1962, Canadian air carriers transported more revenue passengers but less revenue goods than in April of the previous year. Passengers carried rose 12 per cent to 420,948 from 375,939 while the volume of goods flown dropped 12 per cent to 17,562,380 lbs. from 19,961,064 lbs. Revenue miles flown decreased 1.1 per cent to 7,515,384 from 7,600,811. Operating revenues rose 13.9 per cent to \$21,787,266 from \$19,129,287, but operating expenses increased by only 6 per cent to \$22,301,837 from \$21,032,344. As a result, the operating loss of \$514,571 was substantially lower than that of \$1,903,057 reported in April, 1961 and the deficit, after provision for income taxes and other charges, decreased to \$1,515,440 from \$2,806,501.

For the first four months of 1962 both the number of revenue passengers and the volume of revenue goods carried registered significant increases in comparison with the same period a year earlier. Revenue passengers increased 13.6 per cent to 1,595,655 from 1,404,532 while the revenue goods transported rose 9.2 per cent to 74,769,498 lbs. from 68,475,606 lbs. Operating revenues for the period were up 10.8 per cent to \$78,767,112 from \$71,111,879 as operating expenses rose 5.9 per cent to \$86,322,777 from \$81,479,223.

In April, the six scheduled carriers transported 390,592 revenue passengers or 92.8 of the total number carried and 11,399,860 lbs. of revenue goods or 64.9 per cent of the total. Comparable figures for April 1961, were 352,040 revenue passengers or 93.6 per cent of the total and 11,447,317 lbs. of revenue goods or 57.3 per cent of the total. The scheduled carriers also accounted for 89.9 per cent of the operating revenues and 88.2 per cent of the operating expenses. Corresponding figures for April of the previous year were 88.9 and 88.8, respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 70 per cent of all commercial helicopters in Canada. In April 1962, the revenue hours flown amounted to 1,630, a 20 per cent increase over the 1,358 hours flown in April, 1961.

Foreign carriers licensed to operate in Canada transported 66,652 revenue passengers compared with 57,373 in April, 1961, an increase of 16.2 per cent. The volume of revenue goods carried also increased sharply, rising to 1,896,454 lbs. from 1,444,900 lbs., a gain of 31.3 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services
April, 1962

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)			Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers				United States carriers	Other Foreign carriers(3)			
		Group III(1)		Total						
		Group I	Group IV							
Number of carriers reporting ...	6	22	55	77	83	9	8	100	...	
Transportation services:										
Unit toll:										
Revenue departures	17,159	2,636	511	3,147	20,306	..	..	..	..
Revenue hours flown	22,506	2,986	336	3,322	25,828	438	649	26,915	104,756	
Revenue miles scheduled	5,282,179	...	...	...	5,282,179	109,683	253,023	5,644,885	22,184,467
Revenue miles flown:										
Scheduled services	5,491,639 ^{4/}	...	...	...	5,491,639 ^{4/}	109,458	258,772	5,859,869 ^{4/}	22,464,832 ^{4/}
Non-scheduled services ...	329,617 ^{4/}	386,183	46,440	432,623	762,240 ^{4/}	-	-	762,240 ^{4/}	2,920,354 ^{4/}	
Totals	5,821,256	386,183	46,440	432,623	6,253,879	109,458	258,772	6,622,109	25,385,186	
Revenue passengers carried	385,619	11,546	2,587	14,133	399,752	51,527	13,758	465,037	1,759,215	
Revenue goods carried:										
Cargo	6,679,022	527,409	40,141	567,550	7,246,572	716,631	917,908	8,980,194	33,908,197	
Excess baggage	75,934 ^{5/}	13,711	9,438	23,149	99,083 ^{5/}	141,514	120,401	3,379,621	14,247,809	
Mail	2,869,490	234,057	14,159	248,216	3,117,706	858,145	1,038,309	12,359,815	48,156,006	
Totals	9,624,446	775,177	63,738	838,915	10,463,361	2,552,092	9,709,486	289,203,738	1,084,275,834	
Revenue passenger-miles	273,607,653	3,117,689	216,818	3,334,507	276,942,160	2,552,092	9,709,486	289,203,738	1,084,275,834	
Revenue goods ton-miles:										
Cargo	3,398,096	146,531	518	147,049	3,545,145	21,333	297,566	4,001,727	16,092,711	
Excess baggage	132,025	5,155	503	5,658	137,683	21,333	297,566	4,001,727	16,092,711	
Mail	1,170,288	39,504	929	40,433	1,210,721	2,535	45,093	1,258,349	5,146,727	
Totals	4,700,409	191,190	1,950	193,140	4,893,549	23,868	342,659	5,260,076	21,239,438	
Bulk:										
Revenue - Departure	1,480	3,700	5,965	9,665	11,145	..	..	..	..
Hours flown	2,025	4,699	4,208	8,907	10,932	-	44	10,976	43,993	
Miles flown	331,748	472,300	457,457	929,757	1,261,505	-	12,981	1,274,486	4,846,239	
Passengers carried ..	4,973	6,923	9,300	16,223	21,196	-	1,367	22,563	86,462	
Freight carried .. lb.	1,775,414	3,824,510	1,499,095	5,323,605	7,099,019	-	-	7,099,019	30,494,506	
Non-transportation services:										
Specialty flying:										
Revenue hours flown	11	1,447	4,179	5,626	5,637	-	-	5,637	18,638	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

April, 1962

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	18,639	6,336	6,476	12,812	31,451	..	..	..	43,528	167,387
Hours flown	24,542	9,132	8,723	17,855	42,397	438	693	7,896,595	30,231,425	..
Miles flown	6,153,004	858,483	503,897	1,362,380	7,515,384	109,458	271,753	16,079,213	487,600	..
Passengers carried	390,592	18,469	11,887	30,356	420,948	51,527	15,125	1,845,677	64,402,703	..
Cargo carried	8,454,436	4,351,919	1,539,236	5,891,155	14,345,591	716,631	917,908	19,458,834	78,650,512	..
Goods carried	11,399,860	4,599,687	1,562,833	6,162,520	17,562,380	858,145	1,038,309	..	..	..
Non-revenue:										
Hours flown	820	1,180	343	1,523	2,343	4	-	2,347	8,492	..
Passengers carried .....	..	472	18	490	..	766	869	..	..	..
Goods carried .....	..	527,409	..	527,409	..	7,299	71,951	..	..	..
Passenger-miles	15,454,710	215,993	216,818	432,811	15,887,521	43,032	523,083	16,453,636	47,386,438	..
Goods ton-miles	553,718	146,531	-	146,531	700,249	341	20,146	720,736	2,364,231	..
Fuel consumed:										
Turbo fuel - Quantity	13,642,751	78,534	-	78,534	13,721,285	139,389	2,020,372	15,881,046	60,051,206	..
Cost	1,960,401	14,194	-	14,194	1,974,595	24,087	324,944	2,323,626	8,697,297	..
Gasoline - Quantity	685,426	568,214	156,606	704,820	1,390,246	60,401	143,389	1,594,036	6,896,569	..
Cost	247,168	217,141	68,167	285,308	532,476	13,082	32,242	577,800	2,383,274	..
Oil consumed:										
Turbo aircraft - Quantity ..	4,185	-	-	-	4,185	3	86	4,274	14,996	..
Cost	43,894	-	-	-	43,894	26	723	44,643	133,966	..
Other aircraft - Quantity ..	7,138	6,583	2,991	9,574	16,712	257	1,240	18,209	81,897	..
Cost	7,848	9,658	4,169	13,827	21,675	312	848	22,835	91,036	..
Average number of employees:										
Flying personnel	2,212	466	251	717	2,929	..	..	..	..	..
Other personnel	13,450	812	419	1,231	14,681	..	..	..	..	..
Totals	15,662	1,278	670	1,948	17,610	263	739	18,612	18,443	..
Salaries and wages paid:										
Flying personnel	1,577,080	283,881	114,477	398,358	1,975,438	..	..	..	..	..
Other personnel	5,984,357	363,236	177,873	541,109	6,525,466	..	..	..	..	..
Totals	7,561,437	647,117	292,350	939,467	8,500,904	124,938	306,536	8,932,378	35,548,242	..

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate

as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

April, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	15,781,779	650,042	16,431,821	307,266	36,364	343,630	16,775,451	60,085,180
Express	243,312	41,376	284,688	9,650	1,043	10,693	295,381	1,185,212
Freight	740,889	153,785	894,674	79,335	1,945	81,280	975,954	3,728,837
Excess baggage	108,534	16,065	124,599	5,849	676	6,525	131,124	463,006
Mail	1,013,137	87,367	1,100,504	111,901	4,517	116,418	1,216,922	4,852,129
Total unit toll transportation ..	17,887,651	948,635	18,836,286	514,001	44,545	558,546	19,394,832	70,314,364
Bulk transportation	261,324	330,737	592,061	835,272	340,105	1,175,377	1,767,438	6,016,992
Total transportation	18,148,975	1,279,372	19,428,347	1,349,273	384,650	1,733,923	21,162,270	76,331,356
Other flying services	2,406	-	2,406	143,513	125,603	269,116	271,522	834,914
Total flying services	18,151,381	1,279,372	19,430,753	1,492,786	510,253	2,003,039	21,433,792	77,166,270
Non-flying services	97,819	63,051	160,870	85,151	107,453	192,604	353,474	1,600,842
Total operating revenues	18,249,200	1,342,423	19,591,623	1,577,937	617,706	2,195,643	21,787,266	78,767,112
Operating expenses:								
Flying operations	4,540,059	518,725	5,058,784	814,489	306,636	1,121,125	6,179,909	23,368,233
Maintenance	3,827,669	338,225	4,165,894	541,489	177,263	718,752	4,884,646	19,185,963
General services and administration:								
Passenger service	1,442,030	34,731	1,476,761	..	..	..	..	..
Aircraft and traffic servicing	2,642,252	213,185	2,855,437	..	..	..	..	..
Promotion and sales	2,979,200	99,768	3,078,968	..	..	..	..	..
General administration	759,108	100,057	859,165	..	..	..	..	..
Totals	7,822,590	447,741	8,270,331	360,740	133,405	494,145	8,764,476	33,874,576
Depreciation and amortization	2,045,775	120,186	2,165,961	213,840	93,005	306,845	2,472,806	9,894,005
Total operating expenses	18,236,093	1,424,877	19,660,970	1,930,558	710,309	2,640,867	22,301,837	86,322,777
Operating income (loss)	13,107	82,454	69,347	352,621	92,603	445,224	514,571	7,555,665
Non-operating income - Net:								
Capital gains and losses	4,847	1,857	6,704	61,301	48,665	109,966	116,670	286,657
Interest and discounts	84,790	729	85,519	3,155	2,812	5,967	91,486	331,326
Miscellaneous non-operating income ..	Dr.	150,672	153,163	Dr.	1,671	Dr.	167,151	457,797
Income before interest expense	Dr.	47,928	Dr.	303,824	39,455	Dr.	473,566	7,968,793
Interest expense	939,113	38,081	977,194	49,778	11,887	61,665	1,038,859	4,106,287
Income before income taxes	Dr.	987,041	Dr.	1,107,481	51,342	Dr.	1,512,425	12,075,080
Provision for income taxes	-	-	-	38	2,977	3,015	3,015	10,045
Net income after income taxes	Dr.	987,041	Dr.	1,107,481	54,319	Dr.	1,515,440	12,085,125

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

April, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,120,135	82,396	211,540	226,797	129,309	12,661,644	16,431,821	58,965,413
Express	11,742	-	7,538	32,734	1,104	231,570	284,688	1,119,658
Freight	178,393	88,006	46,589	-	19,190	562,496	894,674	3,424,914
Excess baggage	21,432	1,309	7,096	6,451	1,209	87,102	124,599	439,358
Mail	138,667	22,604	43,596	2,227	18,940	874,470	1,100,504	4,420,036
Total unit toll transportation ..	3,470,369	194,315	316,359	268,209	169,752	14,417,282	18,836,286	68,369,379
Bulk transportation	130,417	2,876	119,348	-	208,513	130,907	592,061	1,846,096
Total transportation	3,600,786	197,191	435,707	268,209	378,265	14,548,189	19,428,347	70,215,475
Other flying services	-	-	-	-	-	2,406	2,406	4,227
Total flying services	3,600,786	197,191	435,707	268,209	378,265	14,550,595	19,430,753	70,219,702
Non-flying services	70,824	18,599	29,518	12,086	2,848	26,995	160,870	868,610
Total operating revenues	3,671,610	215,790	465,225	280,295	381,113	14,577,590	19,591,623	71,088,512
Operating expenses:								
Flying operations	1,511,882	85,491	193,559	81,616	138,059	3,028,177	5,058,784	19,545,140
Maintenance	641,075	49,519	95,124	51,643	141,939	3,186,594	4,165,894	16,620,324
General services and administrations:								
Passenger service	361,446	5,668	14,736	3,419	10,908	1,080,584	1,476,761	5,702,470
Aircraft and traffic servicing	474,240	39,587	130,794	29,137	13,667	2,168,012	2,855,437	11,549,030
Promotion and sales	632,454	7,313	23,082	43,353	26,020	2,346,746	3,078,968	11,377,916
General administration	163,858	24,196	36,536	22,423	16,902	595,250	859,165	3,373,830
Totals	1,631,998	76,764	205,148	98,332	67,497	6,190,592	8,270,331	32,003,246
Depreciation and amortization	198,756	17,117	42,610	30,722	29,737	1,847,019	2,165,961	8,713,747
Total operating expenses	3,983,711	228,891	536,441	262,313	397,232	14,252,382	19,660,970	76,882,457
Operating income (loss)	Dr. 312,101	Dr. 13,101	Dr. 71,216	Dr. 17,982	Dr. 16,119	Dr. 325,208	Dr. 69,347	Dr. 5,793,945
Non-operating income - Net:								
Capital gains and losses	4,847	1,335	-	522	-	-	6,704	Dr. 416,810
Interest and discounts	20,360	642	-	51	36	64,430	85,519	Dr. 319,768
Miscellaneous non-operating income ..	Dr. 31,811	70	Dr. 2,366	Dr. 195	-	Dr. 118,861	Dr. 153,163	Dr. 428,676
Income before interest expense	Dr. 318,705	Dr. 11,054	Dr. 73,582	Dr. 18,360	Dr. 16,083	Dr. 270,777	Dr. 130,287	Dr. 6,319,663
Interest expense	-	5,271	8,929	12,564	11,317	939,113	977,194	Dr. 3,883,180
Income before income taxes	Dr. 318,705	Dr. 16,325	Dr. 82,511	Dr. 5,796	Dr. 27,400	Dr. 668,336	Dr. 1,107,481	Dr. 10,202,843
Provision for income taxes	-	-	-	-	-	-	-	-
Net income after income taxes	Dr. 318,705	Dr. 16,325	Dr. 82,511	Dr. 5,796	Dr. 27,400	Dr. 668,336	Dr. 1,107,481	Dr. 10,202,843

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

April, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services:									
Unit toll:									
Revenue departures	1,829	11,707	13,536	730	1,200	1,066	627	3,623	17,159
Revenue hours flown	3,369	15,325	18,694	833	1,352	820	807	3,812	22,506
Revenue miles scheduled	1,020,265	3,963,347	4,983,612	27,086	161,881	74,150	35,450	298,567	5,282,179
Revenue miles flown:									
Scheduled services - Regular	1,014,830	3,909,730	4,924,560	24,762	157,206	73,836	34,202	290,006	5,214,566
Extra section	11,874	240,839	252,713	1,086	21,413	1,438	423	24,360	277,073
Non-scheduled services	49,324	-	49,324	111,461	10,499	76,219	82,114	280,293	329,617
Totals	1,076,028	4,150,569	5,226,597	137,309	189,118	151,493	116,739	594,659	5,821,256
Ratio of regular miles flown to miles scheduled	99.5	98.6	...	91.4	97.1	99.6	96.5	...	...
Revenue passengers carried	35,948	322,857	358,805	5,038	10,012	8,113	3,651	26,814	385,619
Revenue goods carried:									
Express	49,428	662,634	712,062	-	19,914	178,129	7,773	205,816	917,878
Freight	404,617	3,964,472	4,369,089	907,170	368,799	-	116,086	1,392,055	5,761,144
Excess baggage .....	..	..	..	11,476	23,746	33,119	7,593	75,934	75,934
Mail	153,392	2,385,135	2,538,527	125,958	130,455	19,782	54,768	330,963	2,869,490
Totals	607,437	7,012,241	7,619,678	1,044,604	542,914	231,030	186,220	2,004,768	9,624,446
Revenue passenger-miles:									
Scheduled services	54,909,306	209,131,637	264,040,943	356,201	2,455,241	1,534,210	310,522	4,656,174	268,697,117
Non-scheduled services	1,235,044	-	1,235,044	589,751	30,314	1,175,031	1,880,396	3,675,492	4,910,536
Totals	56,144,350	209,131,637	265,275,987	945,952	2,485,555	2,709,241	2,190,918	8,331,666	273,607,653
Available seat-miles on scheduled services	112,913,315	337,536,227	450,449,542	638,664	6,072,260	2,698,360	824,688	10,233,972	460,683,514
Passenger load factor on scheduled services	48.6	62.0	...	55.8	40.4	56.9	37.7	...	...
Revenue goods ton-miles:									
Express - Scheduled services	13,093	238,729	251,822	-	6,251	17,157	430	23,838	275,660
Non-scheduled services	765	-	765	-	-	17,466	1,512	18,978	19,743
Totals	13,858	238,729	252,587	-	6,251	34,623	1,942	42,816	295,403
Freight - Scheduled services	532,245	2,215,102	2,747,347	4,952	107,116	-	408	112,476	2,859,823
Non-scheduled services	1,836	-	1,836	218,099	892	-	22,043	241,034	242,870
Totals	534,081	2,215,102	2,749,183	223,051	108,008	-	22,451	353,510	3,102,693

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

April, 1962

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	24,044	94,019	118,063	330	4,053	2,695	235	7,313	125,376
Non-scheduled services									
Totals	120	-	120	871	11	4,358	1,289	6,529	6,649
Mail - Scheduled services	24,164	94,019	118,183	1,201	4,064	7,053	1,524	13,842	132,025
Non-scheduled services	95,928	1,010,194	1,106,122	4,389	40,427	-	1,526	46,342	1,152,464
Totals	3,989	-	3,989	6,847	97	136	6,755	13,835	17,824
Total - Scheduled services	99,917	1,010,194	1,110,111	11,236	40,524	136	8,281	60,177	1,170,288
Non-scheduled services	665,310	3,558,044	4,223,354	9,671	157,847	19,832	2,599	189,969	4,613,323
Totals	6,710	-	6,710	225,817	1,000	21,960	31,599	280,376	287,086
Available ton-miles on scheduled services	672,020	3,558,044	4,230,064	235,488	158,847	41,812	34,198	470,345	4,700,409
Weight load factor on scheduled services(3)	14,498,732	46,571,215	61,069,947	73,573	744,058	269,988	78,026	1,165,645	62,235,592
	42.5	52.5	...	61.6	54.2	64.2	43.1	...	...
Bulk:									
Revenue - Departures	28	40	68	21	1,003	-	388	1,412	1,480
Hours flown	171	97	268	18	1,024	-	715	1,757	2,025
Miles flown	55,278	38,000	93,278	2,394	117,551	-	118,525	238,470	331,748
Passengers carried	1,099	1,773	2,872	184	1,385	-	532	2,101	4,973
Freight carried	-	-	-	47,907	777,695	-	949,812	1,775,414	1,775,414
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	11	11	-	-	-	-	-	11
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,857	11,747	13,604	751	2,203	1,066	1,015	5,035	18,639
Hours flown	3,540	15,433	18,973	851	2,376	820	1,522	5,569	24,542
Miles flown	1,131,306	4,188,569	5,319,875	139,703	306,669	151,493	235,264	835,129	6,153,004
Passengers carried	37,047	324,630	361,677	5,222	11,397	8,113	4,183	28,915	390,592
Cargo carried	454,045	4,627,106	5,081,151	955,077	1,166,408	178,129	1,073,671	3,373,285	8,454,436
Goods carried	607,437	7,012,241	7,619,678	1,092,511	1,320,609	231,030	1,136,032	3,780,182	11,599,860

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

April, 1962

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	
Total - All services - Concluded:								
Traffic, hours and miles(4) - Concluded:								
Non-revenue:								
Hours flown	168	426	594	27	125	26	48	820
Passengers carried	1,271	..	1,271	132	154	165	79	1,801
Goods carried	119,146	..	119,146	17,018	41,636	-	15,053	192,853
Passenger-miles	3,057,898	12,209,738	15,267,636	20,752	68,122	53,399	44,801	15,454,710
Goods ton-miles	164,849	350,118	514,967	3,826	28,835	-	6,090	553,718
Fuel consumed:								
Turbo fuel - Quantity	2,991,200	10,516,220	13,507,420	-	-	135,331	-	13,642,751
Cost	501,834	1,427,395	1,929,229	-	-	31,172	-	1,960,401
Gasoline - Quantity	169,250	22,080	191,330	116,451	182,470	17,834	177,341	685,426
Cost	48,166	7,067	55,233	38,370	80,385	5,241	67,939	247,168
Oil consumed:								
Turbo aircraft - Quantity ..	683	3,211	3,894	-	-	291	-	4,185
Cost	6,735	36,136	42,871	-	-	1,023	-	43,894
Other aircraft - Quantity ..	2,019	261	2,280	1,010	2,251	259	1,336	7,138
Cost	2,115	234	2,349	1,071	2,816	276	1,336	7,848
Average number of employees:								
Flying personnel	401	1,578	1,979	33	97	37	66	2,212
Other personnel	2,127	10,320	12,447	153	360	247	243	13,450
Totals	2,528	11,898	14,426	186	457	284	309	15,662
Salaries and wages paid:								
Flying personnel	319,675	1,102,804	1,422,479	22,674	69,914	23,158	38,855	1,577,080
Other personnel	909,556	4,662,533	5,572,089	53,266	169,040	92,025	97,937	5,984,357
Totals	1,229,231	5,765,337	6,994,568	75,940	238,954	115,183	136,792	7,561,437

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

April, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	30,774	4,562	9,629	8,113	3,322	279,601	336,001
Foreign interline	3,729	476	-	-	-	43,256	48,465
Totals(2)	1,004	-	-	-	-	322,857	384,466
Revenue express carried:							
Originated	lb.						
Domestic interline	49,428	-	19,914	178,129	7,773	662,634	917,878
Foreign interline	-	-	-	-	-	-	-
Totals(2)	49,428	-	19,914	178,129	7,773	662,634	917,878
Revenue freight carried:							
Originated	lb.						
Domestic interline	304,703	831,055	345,869	-	46,986	3,964,472	5,493,085
Foreign interline	10,215	-	-	-	-	-	10,215
Totals(2)	48,243	-	-	-	-	-	48,243
Revenue excess baggage carried:							
Originated	lb.						
Domestic interline .....	..	11,476	23,570	33,119	7,055	..	75,220 ^{3/}
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	11,476	23,570	33,119	7,055	..	75,220 ^{3/}
Revenue mail carried:							
Originated	lb.						
Domestic interline	153,392	125,958	122,552	19,782	18,202	2,385,135	2,825,021
Foreign interline	-	-	-	-	-	-	-
Totals(2)	153,392	125,958	122,552	19,782	18,202	2,385,135	2,825,021

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

April, 1962

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,994	382	433	89	2,898	11,265	14,163
Revenue hours flown	2,930	1,477	1,217	557	6,181	13,320	19,501
Revenue miles scheduled	602,753	623,555	426,210	233,689	1,886,207	3,132,855	5,019,062
Revenue miles flown:							
Scheduled services - Regular	586,709	623,555	420,618	233,689	1,864,571	3,094,191	4,958,762
Extra sections	58,534	22,980	69,725	-	151,239	101,897	253,136
Non-scheduled services	-	-	-	-	-	131,438	131,438
Totals	645,243	646,535	490,343	233,689	2,015,810	3,327,526	5,343,336
Ratio of regular miles flown to miles scheduled	97.3	100.0	98.7	100.0	98.9	98.8	98.8
Revenue passengers carried No.	...	...	...	...	121,172	241,284	362,456
Revenue cargo carried lb.	...	...	...	...	2,022,816	3,182,194	5,205,010
Revenue mail carried .....	...	...	...	...	324,031	2,269,264	2,593,295
Revenue passenger-miles	28,638,161	37,913,659	33,035,096	12,866,872	112,453,788	155,013,117	267,466,905
Available seat-miles on scheduled services	42,574,559	80,313,668	58,734,975	27,561,448	209,184,650	242,089,580	451,274,230
Passenger load factor on scheduled services ...	67.3	47.2	56.2	46.7	53.8	62.7	58.6
Revenue goods ton-miles:							
Express	38,947	-	-	-	38,947	215,582	254,529
Freight	19,096	519,653	215,596	255,935	1,186,280	1,585,354	2,771,634
Excess baggage	12,120	18,618	19,734	6,963	57,435	62,272	119,707
Mail	31,901	178,478	27,752	43,932	282,063	836,329	1,118,392
Totals	278,064	716,749	263,082	306,830	1,564,725	2,699,537	4,264,262
Available ton-miles on scheduled services	5,565,709	11,194,778	8,307,154	3,605,056	28,672,697	32,475,276	61,147,973
Weight load factor on scheduled services(1) ...	56.5	40.3	42.9	44.2	44.7	55.0	50.1

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

April, 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,843	49,358	9,636	177,161
Recreational flying	912	16,849	2,951	52,986
Aerial photography and survey	291	39,276	727	111,284
Aerial photography (excluding survey)	43	2,321	198	13,295
Aerial pest control	32	2,405	32	2,405
Aerial advertising	4	343	21	1,568
Aerial patrol and inspection	896	95,372	2,640	223,804
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	-	-
Geophysical survey	595	56,332	2,298	232,078
Non-transportation charter	-	-	29	1,450
Other specialty flying	21	6,170	106	22,139
Total specialty flying	5,637	268,426	18,638	838,170

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

April, 1962

	Month	Year to date
Revenue hours flown	No.	1,630
Average number of aircraft	"	115
Average number of employees:		
Flying personnel	"	222
Other personnel	"	129
Totals	"	351
Salaries and wages paid:		
Flying personnel	\$	131,861
Other personnel	\$	74,127
Totals	\$	205,988
Operating revenues:		
Bulk transportation	\$	224,520
Other flying services	\$	86,700
Non-flying services	\$	44,400
Totals	\$	311,913
Operating expenses:		
Flying operations	\$	243,190
Maintenance	\$	155,659
General services and administration ..	\$	53,152
Depreciation and amortization	\$	88,220
Totals	\$	540,221
Operating income (loss)	\$	Dr. 228,308
Net income (deficit) after income taxes	\$	Dr. 235,301

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

April, 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	70,734	77,892	148,626	10,003	10,480	20,483
Bulk transportation "	308	190	498	2,210	608	2,818
Totals "	71,042	78,082	149,124	12,213	11,088	23,301
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	381,865	1,831,242	2,213,107	346,411	828,045	1,174,456
Bulk transportation "	-	-	-	-	-	-
Totals "	381,865	1,831,242	2,213,107	346,411	828,045	1,174,456
Mail carried (unit toll transportation) "	116,815	215,024	331,839	104,592	117,295	221,887
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	8,490	10,641	19,131	89,227	99,013	188,240
Bulk transportation "	-	-	-	2,518	798	3,316
Totals "	8,490	10,641	19,131	91,745	99,811	191,556
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	161,735	79,012	240,747	890,011	2,738,299	3,628,310
Bulk transportation "	-	-	-	-	-	-
Totals "	161,735	79,012	240,747	890,011	2,738,299	3,628,310
Mail carried (unit toll transportation)	9,148	14,303	23,451	230,555	346,622	577,177

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,

as at April 15th, 1962

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		23		65		254		348	
Helicopters No.	-	-	110	8	32	1	14	-	156	9
Turbo jets "	11	4	-	-	-	-	-	-	11	4
Turbo props:										
300-001 lb. and over No.	-	-	-	-	-	-	-	-	-	-
150,001-300,000 lb.	-	6	-	-	-	-	-	-	-	6
100,001-150,000 lb.	20	-	-	-	-	-	-	-	20	-
50,001-100,000 lb.	49	-	-	-	-	-	-	-	49	-
50,000 lb. and under "	3	-	2	-	-	-	-	-	5	-
Total turbo props "	72	6	2	-	-	-	-	-	74	6
Piston engines:										
Four engines:										
130,001 lb. and over No.	5	-	-	-	-	-	-	-	5	-
100,001-130,000 lb.	3	-	-	1	-	-	-	-	3	1
70,001-100,000 lb.	6	4	4	1	-	-	-	-	10	5
50,001-70,000 lb.	1	-	2	-	-	-	-	-	3	-
50,000 lb. and under "	-	-	-	-	-	-	-	-	-	-
Total four engines "	15	4	6	2	-	-	-	-	21	6
One or two engines:										
40,001 lb. and over No.	17	2	2	4	1	-	-	-	20	6
25,001-40,000 lb.	24	-	28	8	9	-	3	1	64	9
20,001-25,000 lb.	-	-	3	-	-	-	-	-	3	-
15,001-20,000 lb.	-	-	7	-	1	-	5	-	13	-
10,001-15,000 lb.	1	-	19	-	7	-	-	-	27	-
7,501-10,000 lb.	13	3	36	1	32	1	12	2	93	7
5,001-7,500 lb.	23	-	62	1	62	4	23	2	170	7
4,001-5,000 lb.	1	-	12	9	9	1	8	1	30	2
3,001-4,000 lb.	-	-	14	2	22	1	45	4	81	7
2,001-3,000 lb.	5	-	34	3	130	10	227	35	396	48
2,000 lb. and under "	1	-	8	3	93	-	402	38	504	41
Total one or two engines ..	85	5	225	22	366	17	725	83	1,401	127
Grand total	183	19	343	32	398	18	739	83	1,663	152

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

CATALOGUE No.

51-001

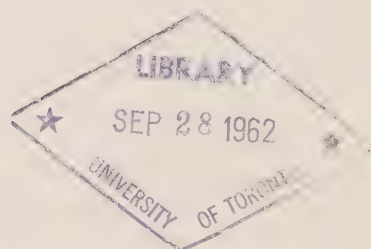
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CANADA

CIVIL AVIATION

MAY 1962



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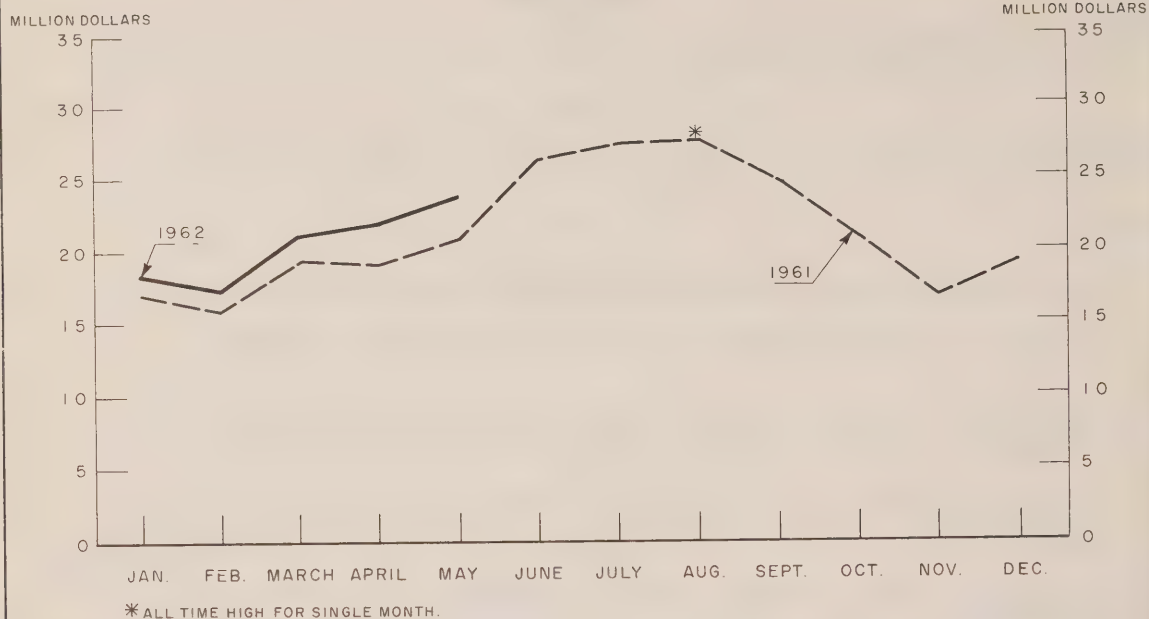
SYMBOLS

The Interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available
- ... Figures not appropriate or not applicable.
- Nil or Zero.

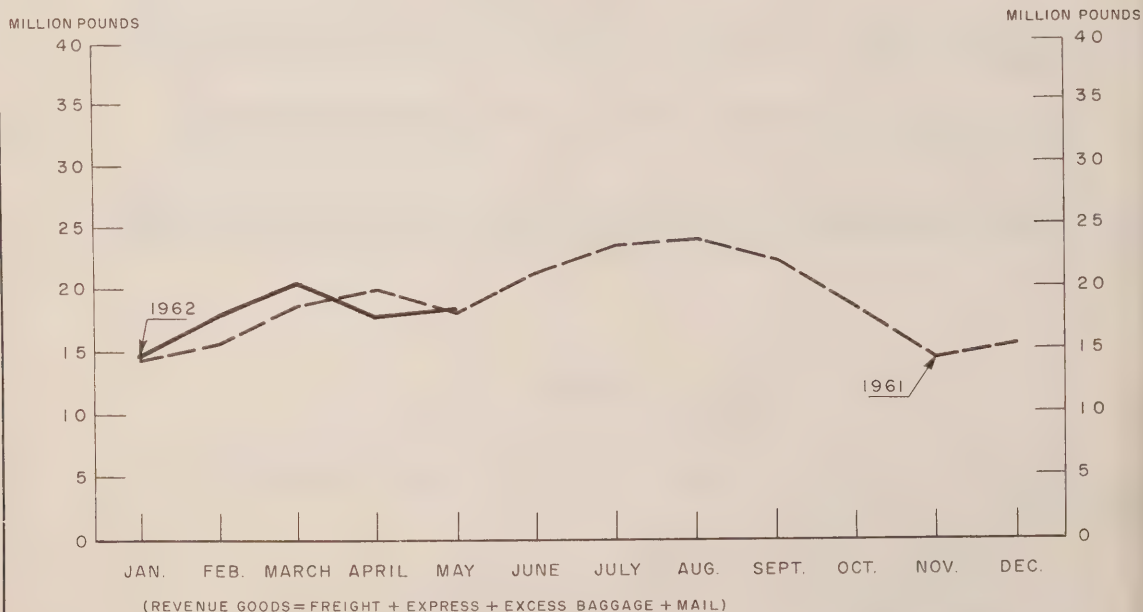
OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Airlines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Review of May operations

In May 1962, there was an increase in both the number of revenue passengers and volume of revenue goods transported by Canadian air carriers as compared with the same month of 1961. Passengers carried rose 9.4 per cent to 446,107 from 407,644 and goods flown increased 1.3 per cent to 18,158,311 lbs. from 17,930,112 lbs. Revenue miles flown were up 2 per cent to 8,197,594 from 8,033,535. Operating revenues rose 13.8 per cent to \$23,694,751 from \$20,821,898 a year earlier, while operating expenses increased 10.7 per cent to \$23,240,751 from \$20,999,040. As a result there was an operating income of \$454,000 as compared with an operating loss of \$177,142 in May, 1961 and the deficit, after provision for income taxes and other charges decreased to \$478,367 from \$963,620.

For the five month period, January to May, both revenue passengers and revenue goods registered an increase when compared with the same period of 1961. The number of revenue passengers carried increased 12.7 per cent to 2,042,272 from 1,812,176 and the volume of goods flown rose 8.8 per cent to 93,039,136 lbs. from 85,500,831 lbs. Operating revenues increased 11.5 per cent in the period, to \$102,539,679 from \$91,999,666, more than offsetting an increase of 6.9 per cent in operating expenses which rose to \$109,619,979 from \$102,561,153.

In May the six scheduled carriers transported 401,199 revenue passengers or 89.9 per cent of the total number carried and 11,790,333 lbs. of revenue goods or 64.9 per cent of the total transported. In May of last year 89.6 per cent of the revenue passengers and 50.7 per cent of the revenue goods were transported by the scheduled carriers. These carriers also accounted for 88.5 per cent of the operating revenues in May 1962 as against 87.5 per cent a year earlier and in both years were responsible for 87.7 per cent of the operating expenses.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 10 per cent of all commercial helicopters in Canada. In May, 1962, the revenue hours flown amounted to 4,107 a 13.5 per cent increase over the 3,619 revenue hours flown in May, 1961.

Foreign carriers licensed to operate in Canada transported 70,339 revenue passengers in May, 1962, as compared with 60,322 in the same month of 1961, an increase of 16.6 per cent. The volume of revenue goods flown rose to 2,137,415 lbs. from 1,719,137 lbs., an increase of 24.3 per cent. The operations of Swissair are shown for the first time in this report. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

May, 1962

	Canadian carriers						Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
		Group III(1)		Total						
		Group I and II(1)	Group III(1)		Group IV			Group IV			Total
Number of carriers reporting ...	6	22	52	74	80	9	98	...		
Transportation services:										
Unit toll:										
Revenue departures	No.	17,991	2,545	487	3,032	21,023	..	..	132,639
Revenue hours flown	"	23,336	2,741	355	3,096	26,432	446	874	27,752	
Revenue miles scheduled	"	5,570,132	...	...	...	5,570,132	113,644	348,692	6,032,488
Revenue miles flown:										
Scheduled services	"	5,673,650 ^{4/}	...	...	...	5,673,650 ^{4/}	112,554	352,892	6,139,096 ^{4/}
Non-scheduled services ...	"	346,209 ^{4/}	369,962	47,325	417,287	763,496 ^{4/}	-	352,892	1,121,186 ^{4/}	
Totals	"	6,019,859	369,962	47,325	417,287	6,437,146	112,554	705,784	7,142,930 ^{4/}	
Revenue passengers carried	"	391,609	12,718	2,449	15,167	406,776	50,918	17,261	474,955	
Revenue goods carried:										
Cargo	lb.	7,455,869	537,917	19,765	557,682	8,013,551	917,767	911,373	9,953,011	
Excess baggage	"	89,205 ^{5/}	7,005	14,110	21,115	110,320 ^{5/}	139,742	141,456	3,355,530	
Mail	"	2,995,148	66,844	12,340	79,184	3,074,332	1,057,509	1,052,829	4,131,841	
Totals	"	10,540,222	611,766	46,215	657,981	11,198,203	2,391,597	2,057,658	13,245,861	
Revenue passenger-miles	No.	278,113,218	3,605,093	181,241	3,786,334	281,899,552	2,391,597	13,327,930	297,619,079	
Revenue goods ton-miles:										
Cargo	"	3,569,824	142,114	2,388	144,502	3,714,326	27,168	296,401	4,198,379	
Excess baggage	"	157,407	2,557	520	3,077	160,484	2,796	53,112	1,289,255	
Mail	"	1,213,448	19,272	627	19,899	1,233,347	29,964	349,513	1,582,861	
Totals	"	4,940,679	163,943	3,535	167,478	5,108,157	32,928	399,026	5,437,183	
Bulk:										
Revenue - Departure	"	2,028	6,969	7,445	14,414	16,442	..	..	17,966
Hours flown	"	2,614	8,986	6,283	15,269	17,883	-	83	1,784,359	
Miles flown	"	456,669	703,177	600,602	1,303,779	1,760,448	38	23,873	1,784,359	
Passengers carried	"	9,590	14,682	15,059	29,741	39,331	115	2,045	41,491	
Freight carried .. lb.	lb.	1,250,111	4,202,882	1,507,115	5,709,997	6,960,108	-	27,077	6,987,185	
Non-transportation services:										
Specialty flying:										
Revenue hours flown	No.	13	1,884	4,522	6,406	6,419	-	-	6,419	
									25,777	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

May, 1962

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	20,019	9,514	7,932	17,446	37,465					
Hours flown	25,963	13,611	11,160	24,771	50,734					
Miles flown	6,476,528	1,073,139	647,927	1,721,066	8,197,594					
Passengers carried	401,199	27,400	17,508	44,908	446,107					
Cargo carried	8,705,980	4,740,799	1,526,880	6,267,679	14,973,659					
Goods carried	11,790,333	4,814,648	1,553,330	6,367,978	18,158,311					
Non-revenue:										
Hours flown	767	1,059	577	1,636	2,403					
Passengers carried .....	..	418	14	432	..					
Goods carried .....	..	82,077	-	82,077	..					
Passenger-miles	15,477,034	163,940	577	164,517	15,641,551					
Goods ton-miles	508,368	33,147	-	33,147	541,515					
Fuel consumed:										
Turbo fuel - Quantity	14,491,603	74,464	-	74,464	14,566,067					
Cost	2,096,828	13,070	-	13,070	2,109,898					
Gasoline - Quantity	781,950	510,090	179,534	689,624	1,471,574					
Cost	276,703	201,926	74,497	276,423	553,126					
Oil consumed:										
Turbo aircraft - Quantity .. gal.	4,523	15	-	15	4,538					
Cost	42,990	157	-	157	43,147					
Other aircraft - Quantity .. gal.	7,615	4,791	3,086	7,877	15,492					
Cost	8,544	10,443	4,237	14,680	23,224					
Average number of employees:										
Flying personnel	2,205	464	211	675	2,880					
Other personnel	13,472	875	416	1,291	14,763					
Totals	15,677	1,339	627	1,966	17,643					
Salaries and wages paid:										
Flying personnel	1,590,093	287,498	120,031	407,529	1,997,622					
Other personnel	6,143,724	367,991	161,674	529,665	6,673,389					
Totals	7,733,817	655,489	281,705	937,194	8,671,011					

Group II non-scheduled carriers included with Group I

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

May, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
dollars								
Unit toll transportation:								
Passengers	16,480,001	742,952	17,222,953	343,110	32,281	375,391	17,598,344	77,691,692
Express	314,259	47,590	361,849	9,093	689	9,782	371,631	1,562,035
Freight	769,147	186,829	955,976	75,049	943	75,992	1,031,968	4,760,805
Excess baggage	93,240	20,780	114,020	8,035	957	8,992	123,012	586,304
Mail	1,007,512	89,283	1,096,795	42,619	3,708	46,327	1,143,122	5,996,703
Total unit toll transportation ..	18,664,159	1,087,434	19,751,593	477,906	38,578	516,484	20,268,077	90,597,539
Bulk transportation	473,316	324,640	797,956	1,152,027	478,742	1,630,769	2,428,725	8,449,340
Total transportation	19,137,475	1,412,074	20,549,549	1,629,933	517,320	2,147,253	22,696,802	99,046,879
Other flying services	4,137	-	4,137	213,589	110,498	324,087	328,224	1,177,839
Total flying services	19,141,612	1,412,074	20,553,686	1,843,522	627,818	2,471,340	23,025,026	100,224,718
Non-flying services	3,367,232	53,521	420,753	59,530	189,442	248,972	669,725	2,314,961
Total operating revenues	19,508,844	1,465,595	20,974,439	1,903,052	817,260	2,720,312	23,694,751	102,539,679
Operating expenses:								
Flying operations	4,679,149	554,516	5,233,665	891,065	302,530	1,193,595	6,427,260	29,821,888
Maintenance	3,970,783	378,062	4,348,845	625,445	191,000	816,445	5,165,290	24,359,860
General services and administration:								
Passenger service	1,497,039	38,992	1,536,031	..	..	..	..	..
Aircraft and traffic servicing	2,790,623	202,739	2,993,362	..	..	..	..	..
Promotion and sales	3,075,028	106,663	3,181,691	..	..	..	..	..
General administration	780,525	109,213	889,738	404,632	131,590	536,222	9,137,044	43,019,667
Totals	8,143,215	457,607	8,600,822	213,664	92,626	306,290	2,511,157	12,418,564
Depreciation and amortization	2,081,166	123,701	2,204,867	2,134,806	717,746	2,852,552	23,240,751	109,619,979
Total operating expenses	18,874,313	1,513,886	20,388,199	2,134,806	717,746	2,852,552	23,240,751	109,619,979
Operating income (loss)	634,531	48,291	586,240	231,754	99,514	132,240	454,000	7,080,300
Non-operating income - Net:								
Capital gains and losses	-	30,621	30,621	24,463	12,007	36,470	67,091	219,566
Interest and discounts	89,805	645	90,450	139	1,442	1,581	92,031	423,357
Miscellaneous non-operating income ..	19,080	1,638	20,718	14,461	2,218	12,243	32,961	490,758
Income before interest expense	705,256	Dr.	686,593	Dr.	115,181	106,432	580,161	7,367,267
Interest expense	945,547	51,046	996,593	47,114	12,542	59,656	1,056,249	5,162,536
Income before income taxes	Dr.	Dr.	310,000	268,727	102,639	166,088	476,088	12,529,803
Provision for income taxes	-	-	-	-	2,279	2,279	2,279	12,324
Net income after income taxes	240,291	Dr.	69,709	Dr.	100,360	168,367	478,367	12,542,127

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

May, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,344,195	78,960	260,522	253,523	149,947	13,135,806	17,222,953	76,188,366
Express	17,377	-	9,234	36,459	1,897	296,882	361,849	1,481,507
Freight	201,094	96,340	70,018	-	20,471	588,053	955,976	4,380,890
Excess baggage	22,562	1,226	10,627	7,541	1,386	70,678	114,020	553,378
Mail	148,572	22,533	45,460	2,390	18,900	858,940	1,096,795	5,516,831
Total unit toll transportation ..	3,733,800	199,059	395,861	299,913	192,601	14,930,359	19,751,593	88,120,972
Bulk transportation	273,187	6,482	106,903	634	210,621	200,129	797,956	2,644,052
Total transportation	4,006,987	205,541	502,764	300,547	403,222	15,130,488	20,549,549	90,765,024
Other flying services	4,006,987	205,541	502,764	300,547	403,222	15,134,625	20,553,686	90,773,388
Total flying services	75,717	11,410	37,030	3,039	2,042	291,515	420,753	1,289,563
Non-flying services	4,082,704	216,951	539,794	303,586	405,264	15,426,140	20,974,439	92,062,951
Total operating revenues								
Operating expenses:								
Flying operations	1,561,200	81,183	213,503	95,066	164,764	3,117,949	5,233,665	24,778,805
Maintenance	690,503	60,372	107,542	72,166	137,982	3,280,280	4,348,845	20,969,169
General services and administrations:								
Passenger service	366,147	6,326	14,035	4,361	14,270	1,130,892	1,536,031	7,238,501
Aircraft and traffic servicing ..	489,125	37,704	123,930	28,537	12,568	2,301,498	2,993,362	14,542,392
Promotion and sales	699,577	6,510	21,725	51,010	27,418	2,375,451	3,181,691	14,559,607
General administration	178,284	19,038	41,150	26,239	22,786	602,241	889,738	4,263,568
Totals	1,733,133	69,578	200,840	77,042	77,042	6,410,082	8,600,822	40,604,068
Depreciation and amortization ..	225,755	16,709	46,292	31,103	29,597	1,855,411	2,204,867	10,918,614
Total operating expenses	4,210,591	227,842	568,177	308,482	409,385	14,663,722	20,388,199	97,270,656
Operating income (loss)	Dr.	127,887	Dr.	4,896	Dr.	762,418	586,240	Dr.
Non-operating income - Net:								
Capital gains and losses	-	14	4,275	-	26,332	-	30,621	Dr.
Interest and discounts	22,689	610	-	-	35	67,116	90,450	410,218
Miscellaneous non-operating income ..	43,439	26	110	1,774	-	62,519	20,718	Dr.
Income before interest expense	Dr.	61,759	Dr.	6,670	22,246	767,015	686,593	Dr.
Interest expense	-	8,953	9,060	22,620	10,413	945,547	996,593	Dr.
Income before income taxes	Dr.	61,759	Dr.	29,290	11,833	178,532	310,000	Dr.
Provision for income taxes	-	-	-	-	-	-	-	-
Net income after income taxes	Dr.	61,759	Dr.	29,290	11,833	178,532	310,000	Dr.
Net income after income taxes	Dr.	61,759	Dr.	29,290	11,833	178,532	310,000	Dr.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

May, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures	1,997	12,066	14,063	749	1,324	1,166	689	3,928	17,991
Revenue hours flown	3,613	15,711	19,324	780	1,472	910	850	4,012	23,336
Revenue miles scheduled	1,089,470	4,142,572	5,232,042	29,150	190,716	80,082	38,142	338,090	5,570,132
Revenue miles flown:									
Scheduled services - Regular	1,081,544	4,098,314	5,179,858	25,700	188,858	79,327	36,046	329,931	5,509,789
Extra section	5,625	154,235	159,860	682	7,674	306	764	9,626	163,861
Non-scheduled services	62,188	-	62,188	98,841	14,847	84,220	86,113	284,021	346,209
Totals	1,149,357	4,246,924	5,396,281	125,223	211,379	164,053	122,923	623,578	6,019,859
Ratio of regular miles flown to miles scheduled	99.3	98.9	...	88.2	99.0	99.1	94.5	...	...
Revenue passengers carried	38,067	325,152	363,219	4,263	11,011	8,998	4,118	28,390	391,609
Revenue goods carried:									
Express	71,371	822,835	894,206	-	26,131	209,943	11,465	247,539	1,141,745
Freight	544,416	4,209,992	4,754,408	949,619	519,852	-	90,245	1,559,716	6,314,124
Excess baggage	173,479	2,475,977	2,649,456	9,986	32,091	40,944	6,184	89,205	89,205
Mail	789,266	7,508,804	8,298,070	121,735	140,999	21,809	61,149	345,692	2,995,148
Totals				1,081,340	719,073	272,696	169,043	2,242,152	10,540,222
Revenue passenger-miles:									
Scheduled services	56,879,750	211,519,842	268,399,592	301,416	2,902,214	1,598,746	335,175	5,137,551	273,537,143
Non-scheduled services	1,349,924	-	1,349,924	552,382	40,336	1,357,821	1,275,612	3,226,151	4,576,075
Totals	58,229,674	211,519,842	269,749,516	853,798	2,942,550	2,956,567	1,610,787	8,363,702	278,113,218
Available seat-miles on scheduled services	120,584,160	352,441,714	...	679,016	7,165,196	2,869,940	866,021	...	...
Passenger load factor on scheduled services	47.2	60.0	...	44.4	40.5	55.7	38.7	...	...
Revenue goods ton-miles:									
Express - Scheduled services	18,983	306,070	325,053	-	7,815	17,863	640	26,318	351,371
Non-scheduled services	1,165	-	1,165	-	-	13,164	2,190	15,354	16,519
Totals	20,148	306,070	326,218	-	7,815	31,027	2,830	41,672	367,890
Freight - Scheduled services	586,647	2,226,119	2,812,766	2,595	141,746	-	622	144,963	2,957,729
Non-scheduled services	2,303	-	2,303	220,850	1,816	-	19,236	241,902	244,205
Totals	588,950	2,226,119	2,815,069	223,445	143,562	-	19,858	386,865	3,201,934

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

May, 1962

- 11 -

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	
Transportation services - Concluded:								
Unit toll - Concluded:								
Revenue goods ton-miles - Concluded:								
Excess baggage - Scheduled services No.	25,523	114,836	140,359	266	5,773	2,620	175	8,834
Non-scheduled services	124	-	124	1,005	186	5,613	1,286	8,090
Totals	25,647	114,836	140,483	1,271	5,959	8,233	1,461	16,924
Mail - Scheduled services	107,142	1,029,769	1,136,911	4,105	44,613	544	1,592	50,854
Non-scheduled services	4,442	-	4,442	9,434	95	4,862	6,850	21,241
Totals	111,584	1,029,769	1,141,353	13,539	44,708	5,406	8,442	72,095
Total - Scheduled services	738,295	3,676,794	4,415,089	6,966	199,947	21,027	3,029	230,969
Non-scheduled services	8,034	-	8,034	231,289	2,097	23,639	29,562	286,587
Totals	746,329	3,676,794	4,423,123	238,255	202,044	44,666	32,591	517,556
Available ton-miles on scheduled services								
Weight load factor on scheduled services(3)	41.1	51.5	...	52.5	52.8	63.0	51.3	...
Bulk:								
Revenue - Departures	140	70	210	11	1,393	4	410	1,818
Hours flown	461	173	634	25	1,220	3	732	1,980
Miles flown	134,240	59,904	194,144	4,428	132,349	470	125,278	262,525
Passengers carried	2,996	2,990	5,986	66	2,476	11	1,051	3,604
Freight carried lb.	-	15,120	15,120	9,880	529,109	-	696,002	1,234,991
Non-transportation services:								
Specialty flying:								
Revenue hours flown	-	13	13	-	-	-	-	-
Total - All services:								
Traffic, hours and miles:(4)								
Revenue:								
Departures	2,137	12,136	14,273	760	2,717	1,170	1,099	5,746
Hours flown	4,074	15,897	19,971	805	2,692	913	1,582	5,992
Miles flown	1,283,597	4,306,828	5,590,425	129,651	343,728	164,523	248,201	886,103
Passengers carried	41,063	328,142	369,205	4,329	13,487	9,009	5,169	31,994
Cargo carried	615,787	5,047,947	5,663,734	959,499	1,075,092	209,943	797,712	3,042,246
Goods carried	789,266	7,523,924	8,313,190	1,091,220	1,248,182	272,696	865,045	3,477,143

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

May, 1962

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	122	380	502	24	131	38	72	265	767
Passengers carried	1,095	..	..	134	240	109	146	629	..
Goods carried	129,186	..	..	22,003	36,928	..	10,348	69,279	..
Passenger-miles	2,169,462	13,054,406	15,223,868	29,536	103,753	34,799	85,078	253,166	15,477,034
Goods ton-miles	178,936	307,584	486,520	4,520	13,965	-	3,363	21,848	508,368
Fuel consumed:									
Turbo fuel - Quantity	3,194,753	11,133,940	14,328,693	-	-	162,910	-	162,910	14,491,603
Cost	559,317	1,504,440	2,063,757	-	-	33,071	-	33,071	2,096,828
Gasoline - Quantity	245,065	23,314	268,379	109,155	189,875	16,142	198,399	513,571	781,950
Cost	72,405	7,440	79,845	34,787	79,814	6,527	75,730	196,858	276,703
Oil consumed:									
Turbo aircraft - Quantity ..	623	3,592	4,215	-	-	308	-	308	4,523
Cost	6,682	35,525	42,207	-	-	783	-	783	42,990
Other aircraft - Quantity ..	2,396	349	2,745	1,437	1,721	285	1,427	4,870	7,615
Cost	3,075	312	3,387	1,391	2,151	188	1,427	5,157	8,544
Average number of employees:									
Flying personnel	406	1,560	1,966	32	98	45	64	239	2,205
Other personnel	2,096	10,386	12,482	150	370	242	228	990	13,472
Totals	2,502	11,946	14,448	182	468	287	292	1,229	15,677
Salaries and wages paid:									
Flying personnel	328,136	1,102,521	1,430,657	22,563	75,340	24,161	37,372	159,436	1,590,093
Other personnel	910,371	4,823,533	5,733,904	52,411	170,409	91,339	95,661	409,820	6,143,724
Totals	1,238,507	5,926,054	7,164,561	74,974	245,749	115,500	133,033	569,256	7,733,817

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

May, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	31,572	3,882	10,686	8,998	3,683	275,579	334,400
Foreign interline	2,923	381	-	-	-	-	55,853
Totals(2)	2,976	-	-	-	-	-	390,253
Revenue express carried:	37,471	4,263	10,686	8,998	3,683	325,152	
Originated	lb.						
Domestic interline	71,371	-	26,131	209,943	11,465	822,835	1,141,745
Foreign interline	-	-	-	-	-	-	-
Totals(2)	71,371	-	26,131	209,943	11,465	822,835	1,141,745
Revenue freight carried:							
Originated	lb.						
Domestic interline	434,850	775,343	500,514	-	45,493	4,209,992	5,966,192
Foreign interline	16,498	-	-	-	-	-	16,498
Totals(2)	55,964	-	-	-	-	-	55,964
Revenue excess baggage carried:	507,312	775,343	500,514	-	45,493	4,209,992	6,038,654
Originated .....	..					
Domestic interline .....	..	9,986	30,352	40,944	6,117	..	87,399 ^{3/}
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	9,986	30,352	40,944	6,117	..	87,399 ^{3/}
Revenue mail carried:							
Originated	lb.						
Domestic interline	173,479	121,735	138,430	21,809	18,361	2,475,977	2,949,791
Foreign interline	-	-	-	-	-	-	-
Totals(2)	173,479	121,735	138,430	21,809	18,361	2,475,977	2,949,791

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.
(2) Excludes division interline.
(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

May, 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	2,181	441	305	82	3,009	11,743	14,752
Revenue hours flown	3,181	1,768	867	526	6,342	13,832	20,174
Revenue miles scheduled	653,983	768,664	323,307	230,415	1,976,369	3,293,815	5,270,184
Revenue miles flown:							
Scheduled services - Regular	648,108	768,664	319,702	222,795	1,959,269	3,256,635	5,215,904
Extra sections	41,447	32,219	13,954	-	87,620	67,379	154,999
Non-scheduled services	-	-	-	-	-	148,501	148,501
Totals	689,555	800,883	333,656	222,795	2,046,889	3,472,315	5,519,204
Ratio of regular miles flown to miles scheduled	99.1	100.0	98.9	96.7	99.1	98.9	99.0
Revenue passengers carried .....	...	...	...	...	110,511	256,826	367,337
Revenue cargo carried .....	...	...	...	...	2,115,997	3,634,327	5,750,324
Revenue mail carried .....	...	...	...	...	306,652	2,403,953	2,710,605
Revenue passenger-miles	29,666,643	47,652,279	18,141,512	11,023,167	106,483,601	164,876,702	271,360,303
Available seat-miles on scheduled services	44,887,797	102,469,461	38,163,678	26,888,099	212,409,035	261,482,860	473,891,895
Passenger load factor on scheduled services ...	66.1	46.5	47.5	41.0	50.1	61.5	56.5
Revenue goods ton-miles:							
Express	49,914	-	-	-	49,914	279,134	329,048
Freight	230,023	544,704	175,655	244,070	1,194,452	1,640,475	2,834,927
Excess baggage	12,182	22,923	14,786	5,341	55,232	86,712	141,944
Mail	35,470	146,015	28,256	45,710	255,451	894,344	1,149,795
Totals	327,589	713,642	218,697	295,121	1,555,049	2,900,665	4,455,714
Available ton-miles on scheduled services	5,773,078	14,130,761	5,155,553	3,501,957	28,561,349	35,386,632	63,947,981
Weight load factor on scheduled services(1) ...	57.1	38.8	39.4	39.9	42.7	55.7	49.8

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

May, 1962

	Month		Year to date	
	Revenue hours No.	Revenue earned \$	Revenue hours No.	Revenue earned \$
Flying training	3,000	50,505	12,636	227,666
Recreational flying	1,024	20,472	3,975	73,458
Aerial photography and survey	265	72,391	1,144	198,953
Aerial photography (excluding survey)	416	25,011	614	38,306
Aerial pest control	169	18,042	201	20,447
Aerial advertising	26	2,400	47	3,968
Aerial patrol and inspection	1,001	89,000	4,001	374,822
Philanthropic	-	-	-	-
Aerial fish cultivation	2	158	2	158
Geophysical survey	505	40,706	3,011	287,375
Non-transportation charter	-	-	29	1,450
Other specialty flying	11	823	117	22,962
Total specialty flying	6,419	319,508	25,777	1,249,565

TABLE 8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV

May, 1962

	Month	Year to date
Revenue hours flown	4,107	9,844
Average number of aircraft	115	118
Average number of employees:		
Flying personnel	233	201
Other personnel	128	135
Totals	361	336
Salaries and wages paid:		
Flying personnel	139,295	599,937
Other personnel	66,646	374,892
Totals	205,941	974,829
Operating revenues:		
Bulk transportation	463,917	1,208,081
Other flying services	33,929	120,629
Non-flying services	7,443	196,840
Totals	505,289	1,525,550
Operating expenses:		
Flying operations	281,928	989,797
Maintenance	179,152	586,328
General services and administration ..	68,465	298,202
Depreciation and amortization	96,351	449,342
Totals	625,896	2,323,669
Operating income (loss)	Dr. 120,607	Dr. 798,119
Net income (deficit) after income taxes \$	Dr. 117,741	Dr. 831,363

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

May, 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	70,207	73,190	143,397	13,442	13,865	27,307
Bulk transportation "	786	1,284	2,070	1,736	2,772	4,508
Totals "	70,993	74,474	145,467	15,178	16,637	31,815
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	490,737	2,131,948	2,622,685	284,066	888,441	1,172,507
Bulk transportation "	-	15,120	15,120	27,077	-	27,077
Totals "	490,737	2,147,068	2,637,805	311,143	888,441	1,199,584
Mail carried (unit toll transportation) "	121,307	227,380	348,687	98,625	122,809	221,434
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,039	4,947	7,986	86,688	92,002	178,690
Bulk transportation "	-	-	-	2,522	4,056	6,578
Totals "	3,039	4,947	7,986	89,210	96,058	185,268
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	86,225	63,720	149,945	861,028	3,084,109	3,945,137
Bulk transportation "	-	-	-	27,077	15,120	42,197
Totals "	86,225	63,720	149,945	888,105	3,099,229	3,987,334
Mail carried (unit toll transportation)	7,708	10,021	17,729	227,640	360,210	587,850

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd., and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

CATALOGUE No.

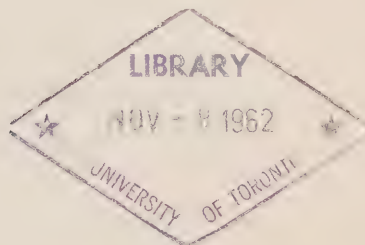
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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

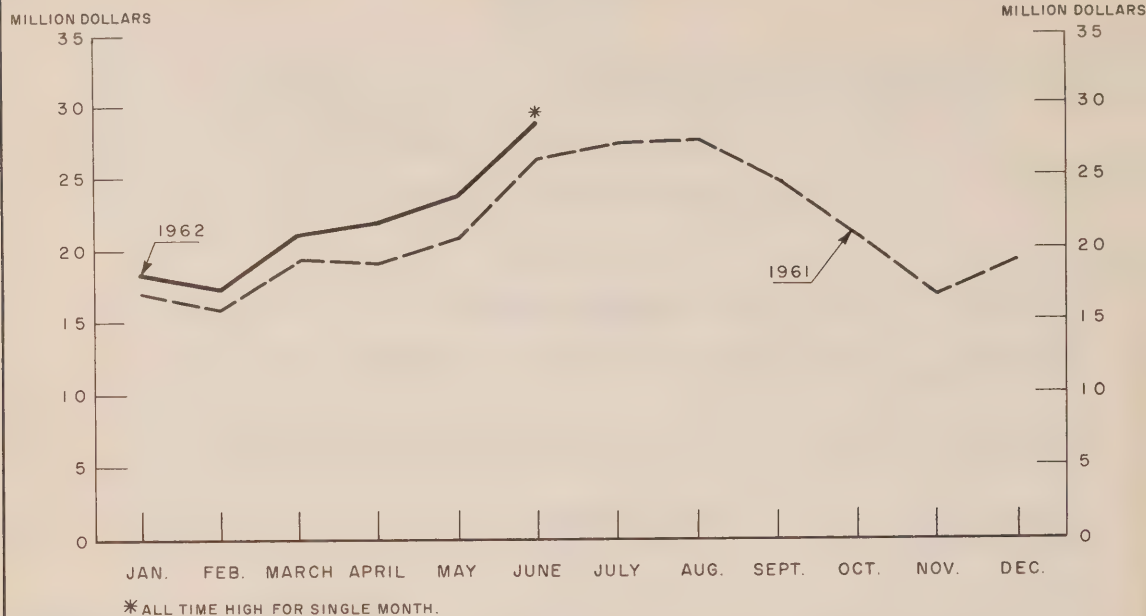
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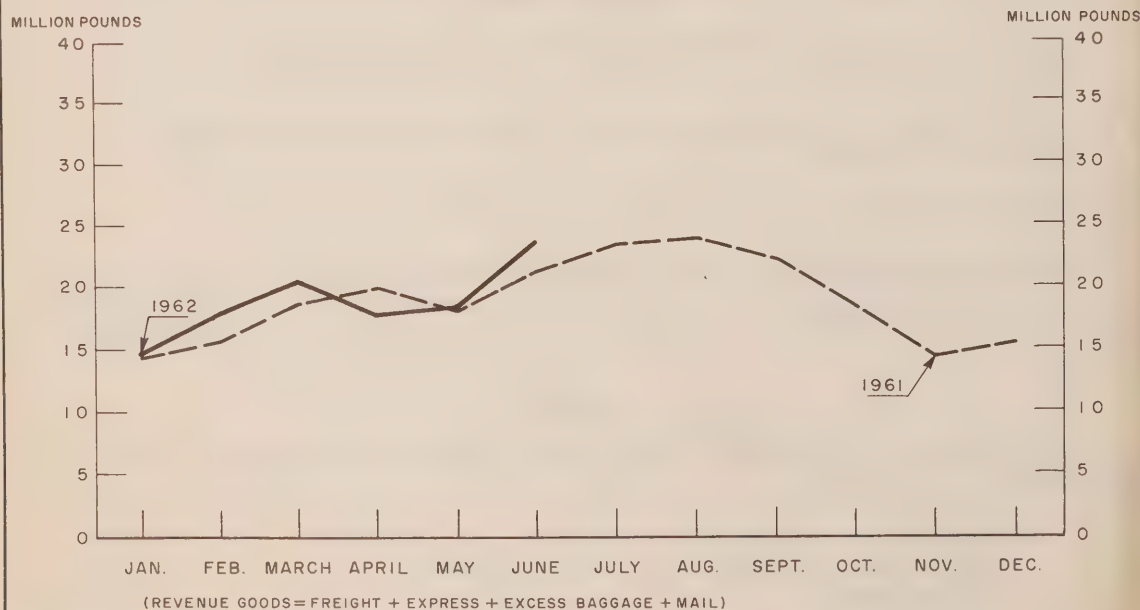
OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Review of June operations

Both the number of revenue passengers and volume of goods transported by Canadian air carriers increased in June 1962, when compared with the corresponding month of 1961. Passengers carried were up 8 per cent to 508,421 from 470,706 and goods transported increased 11.8 per cent to 23,644,573 lbs. from 21,141,764 lbs. Revenue miles flown rose 2.5 per cent to 9,947,568 from 9,701,317. Large increases were reported for both the operating revenues and operating expenses. The revenues rose 9.6 per cent to \$28,841,218 from \$26,306,801 and expenses increased 7.9 per cent to \$24,526,517 from \$22,738,387. The resulting operating income of \$4,314,701 realized in June 1962, compares with an income of \$3,568,414 reported in June 1961. The net income after provision for income taxes and other charges, amounted to \$3,339,215 as against \$2,725,595 in June of the previous year.

Revenue traffic handled during the six month period, January to June, increased substantially over the corresponding period of 1961. The number of passengers rose 11.7 per cent to 2,550,693 from 2,282,882 and the volume of goods increased 9.4 per cent to 116,683,709 lbs. from 106,642,595 lbs. Increases were also reported for both operating revenues and operating expenses. The revenues rose 11.1 per cent to \$131,530,279 from \$118,342,181 and expenses advanced 7.1 per cent to \$134,285,525 from \$125,348,817.

In June, the six scheduled carriers transported 434,995 revenue passengers or 85.6 per cent of the total number carried and 13,391,208 lbs. of revenue goods or 56.6 per cent of the total. In June 1961, 86.8 per cent of the passengers and 48.2 per cent of the goods were transported by scheduled carriers. These also accounted, in June 1962, for 85 per cent of the total operating revenues realized by Canadian carriers and 86.6 per cent of all operating expenses. Corresponding figures for the previous June are 81.4 and 85.9 per cent, respectively.

Tables 10 and 11 cover the operations of the Group V carriers for the second quarter of 1962. The 172 carriers reporting operations for this quarter transported 27,689 revenue passengers and 1,857,649 lbs. of revenue goods. In the corresponding period of 1961, 153 Group V carriers had transported 33,324 revenue passengers and 1,850,120 lbs. of revenue goods.

Foreign carriers licensed to operate in Canada transported 5.9 per cent more revenue passengers and 30.4 per cent more revenue goods in June 1962, than in the corresponding month of 1961. Passengers carried increased to 78,051 from 73,681 while goods transported rose to 2,311,112 lbs. from 1,771,825 lbs.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

June 1962

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	21	55	76	82	9	9	100	...	
Transportation services:										
Unit toll:										
Revenue departures No.	18,501	3,383	727	4,110	22,611	..	..	..	..
Revenue hours flown	24,367	3,435	568	4,003	28,370	430	1,174	29,974	162,703	
Revenue miles scheduled	5,830,807	...	...	...	5,830,807	106,188	453,603	6,390,598	34,607,553
Revenue miles flown:										
Scheduled services	6,013,548 ^{4/}	...	...	...	6,013,548 ^{4/}	106,437	453,515	6,573,500 ^{4/}	35,177,426 ^{4/}
Non-scheduled services ...	367,487 ^{4/}	452,292	74,687	526,979	894,466 ^{4/}	-	-	894,466 ^{4/}	4,609,017 ^{4/}	
Totals	6,381,035	452,292	74,687	526,979	6,908,014	106,437	453,515	7,467,966	39,786,445	
Revenue passengers carried	422,820	18,134	3,021	21,155	443,975	52,761	23,451	520,187	2,755,360	
Revenue goods carried:										
Cargo	8,360,437	900,119	92,435	992,554	9,352,991	1,091,573	961,401	11,540,325	55,524,114	
Excess baggage	98,615 ^{5/}	23,427	12,318	35,745	134,360 ^{5/}	-	-	-	-	
Mail	2,830,044	60,070	20,960	81,030	2,911,074	120,291	137,847	3,169,212	20,791,085	
Totals	11,289,096	983,616	125,713	1,109,329	12,398,425	1,211,864	1,099,248	14,709,537	76,315,199	
Revenue passenger-miles No.	331,639,461	3,965,466	249,100	4,214,566	335,854,027	2,675,977	18,092,093	356,622,097	1,738,565,552	
Revenue goods ton-miles:										
Cargo	3,888,902	240,984	3,013	243,997	4,132,899	28,805	323,440	4,666,747	24,962,716	
Excess baggage	173,278	7,775	550	8,325	181,603	-	-	-	-	
Mail	1,170,028	15,048	1,011	16,059	1,186,087	2,409	52,322	1,240,818	7,677,502	
Totals	5,232,208	263,807	4,574	268,381	5,500,589	31,214	375,762	5,907,565	32,640,218	
Bulk:										
Revenue - Departure	3,353	12,453	13,119	25,572	28,925	..	..	..	..
Hours flown	4,280	15,276	10,477	25,753	30,033	-	81	30,114	93,225	
Miles flown	732,301	1,113,543	1,193,710	2,307,253	3,039,554	-	22,688	3,062,242	9,812,267	
Passengers carried ..	12,175	27,064	25,207	52,271	64,446	-	1,839	66,285	197,297	
Freight carried .. lb.	2,102,112	6,167,382	2,976,654	9,144,036	11,246,148	-	-	11,246,148	49,028,629	
Non-transportation services:										
Specialty flying:										
Revenue hours flown	31	4,374	7,258	11,632	11,663	-	-	11,663	37,440	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

June 1962

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	21,854	15,836	13,846	29,682	51,536	..	..	71,751	..	295,022
Hours flown	28,678	23,085	18,303	41,388	70,066	430	1,255	10,530,208	..	49,598,712
Miles flown	7,113,326	1,565,835	1,268,397	2,834,232	9,947,568	106,437	476,203	586,472	..	2,952,657
Passengers carried	434,995	45,198	28,228	73,426	508,421	52,761	25,290	22,786,473	..	104,552,743
Cargo carried	10,462,549	7,067,501	3,069,089	10,136,590	20,599,139	1,091,573	961,401	25,955,685	..	125,343,828
Goods carried	13,391,208	7,150,998	3,102,367	10,253,365	23,644,573	1,211,864	1,099,248	..	..	..
Non-revenue:										
Hours flown	651	1,022	565	1,587	2,238	2	4	2,244	..	13,165
Passengers carried .....	..	438	29	467	..	677	863	..	..	..
Goods carried .....	..	56,665	-	56,665	..	8,677	89,706	..	..	..
Passenger-miles	15,042,217	203,272	1,718	204,990	15,247,207	62,978	599,996	15,910,181	..	79,694,543
Goods ton-miles	568,590	148,545	-	148,545	717,135	350	30,197	747,682	..	3,681,045
Fuel consumed:										
Turbo fuel - Quantity	15,806,659	90,133	-	90,133	15,896,792	1,567,316	3,029,724	20,493,832	..	97,723,889
Cost	2,214,569	15,684	-	15,684	2,230,253	208,519	441,581	2,880,353	..	14,115,363
Gasoline - Quantity	898,208	789,113	292,958	1,082,071	1,980,279	60,262	212,510	2,253,051	..	10,903,951
Cost	317,963	307,989	128,989	436,978	754,941	13,994	47,577	816,512	..	3,838,021
Oil consumed:										
Turbo aircraft - Quantity .. gal.	5,428	35	-	35	5,463	21	158	5,642	..	25,318
Cost	44,350	356	-	356	44,706	135	1,328	46,169	..	224,475
Other aircraft - Quantity .. gal.	10,154	9,101	4,583	13,684	23,838	515	2,489	26,842	..	126,855
Cost	9,239	14,332	6,575	20,907	30,146	320	1,920	32,386	..	149,029
Average number of employees:										
Flying personnel	2,239	556	259	815	3,054	..	..	..	..	..
Other personnel	13,708	891	511	1,402	15,110	..	..	..	..	..
Totals	15,947	1,447	770	2,217	18,164	264	780	19,208	..	18,690
Salaries and wages paid:										
Flying personnel	1,623,315	386,837	152,043	538,880	2,162,195	..	..	..	..	..
Other personnel	6,066,353	373,035	193,799	566,834	6,633,187	..	..	..	..	..
Totals	7,689,668	759,872	345,842	1,105,714	8,795,382	134,458	326,274	9,256,114	..	54,161,367
Group II non-scheduled carriers included with Group III for										

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

June 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
				dollars				
Operating revenues:								
Unit toll transportation:								
Passengers	19,446,381	896,978	20,343,359	418,916	45,955	464,871	20,808,230	98,509,539
Express	364,348	50,890	415,238	13,348	3,671	17,019	432,257	1,995,140
Freight	821,085	186,213	1,007,298	114,775	3,093	117,868	1,125,166	5,885,971
Excess baggage	122,991	23,183	146,174	8,835	914	9,749	155,923	743,147
Mail	993,351	83,950	1,077,301	30,613	4,831	35,444	1,112,745	7,110,269
Total unit toll transportation ..	21,748,156	1,241,214	22,989,370	586,487	58,464	644,951	23,634,321	114,244,066
Bulk transportation	665,832	531,909	1,197,741	1,631,404	861,012	2,492,416	3,690,157	12,217,137
Total transportation	22,413,988	1,773,123	24,187,111	2,217,891	919,476	3,137,367	27,324,478	126,461,203
Other flying services	7,958	-	7,958	658,825	303,942	962,767	970,725	2,206,012
Total flying services	22,421,946	1,773,123	24,195,069	2,876,716	1,223,418	4,100,134	28,295,203	128,667,215
Non-flying services	275,255	50,876	326,131	91,006	128,878	219,884	546,015	2,863,064
Total operating revenues	22,697,201	1,823,999	24,521,200	2,967,722	1,352,296	4,320,018	28,841,218	131,530,279
Operating expenses:								
Flying operations	5,043,869	586,007	5,629,876	930,105	428,494	1,358,599	6,988,475	36,868,490
Maintenance	4,243,853	407,434	4,651,287	849,196	244,690	1,093,886	5,745,173	30,148,327
General services and administration:								
Passenger service	1,529,271	42,987	1,572,258	..	..	..	..	..
Aircraft and traffic servicing	2,741,237	184,550	2,925,787	..	..	..	..	..
Promotion and sales	3,268,736	91,110	3,359,846	..	..	..	..	..
General administration	758,095	104,983	863,078	..	..	..	..	..
Totals	8,297,339	423,630	8,720,969	384,266	141,892	526,158	9,247,127	52,292,917
Depreciation and amortization	2,071,701	159,143	2,230,844	211,993	102,905	314,898	2,545,742	14,975,791
Total operating expenses	19,656,762	1,576,214	21,232,976	2,375,560	917,981	3,293,541	24,526,517	134,285,525
Operating income (loss)	3,040,439	247,785	3,288,224	592,162	434,315	1,026,477	4,314,701	2,755,246
Non-operating income - Net:								
Capital gains and losses	47,371	150	47,521	2,035	18,215	20,250	67,771	151,795
Interest and discounts	108,466	295	108,761	3,034	2,355	5,389	114,150	537,507
Miscellaneous non-operating income ..	Dr. 73,893	Dr. 3,564	77,457	Dr. 9,693	147	Dr. 9,546	Dr. 87,003	Dr. 577,671
Income before interest expense	3,122,383	244,666	3,367,049	587,538	455,032	1,042,570	4,409,619	Dr. 2,947,205
Interest expense	944,947	50,720	995,667	52,980	15,931	68,911	1,064,578	6,229,248
Income before income taxes	2,177,436	193,946	2,371,382	534,558	439,101	973,659	3,345,041	Dr. 9,176,453
Provision for income taxes	-	-	-	-	5,826	5,826	5,826	18,718
Net income after income taxes	2,177,436	193,946	2,371,382	534,558	433,275	967,833	3,339,215	Dr. 9,195,171

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

June 1962

	Canadian Pacific Air Lines	Maritime General Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year con- clude
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,841,903	98,940	295,314	306,387	196,337	15,604,478	20,343,359	96,531,725
Express	25,247	-	9,224	38,022	3,644	339,101	415,238	1,896,745
Freight	204,169	92,459	64,151	-	29,603	616,916	1,007,298	5,388,188
Excess baggage	30,842	1,920	10,076	8,189	2,998	92,149	146,174	699,552
Mail	140,899	21,057	42,073	2,388	18,432	852,432	1,077,301	6,594,132
Total unit toll transportation ..	4,243,060	214,376	420,838	354,986	251,014	17,505,096	22,989,370	111,110,342
Bulk transportation	607,648	20,560	179,986	-	331,363	58,184	1,197,741	3,841,793
Total transportation	4,850,708	234,936	600,824	354,986	582,377	17,563,280	24,187,111	114,952,135
Other flying services	-	-	-	-	-	7,958	7,958	16,322
Total flying services	4,850,708	234,936	600,824	354,986	582,377	17,571,238	24,195,069	114,968,457
Non-flying services	73,295	15,902	31,515	2,046	1,413	201,960	326,131	1,615,694
Total operating revenues	4,924,003	250,838	632,339	357,032	583,790	17,773,198	24,521,200	116,584,151
Operating expenses:								
Flying operations	1,713,225	82,129	211,980	104,680	187,218	3,330,644	5,629,876	30,408,681
Maintenance	752,745	54,236	115,212	78,931	159,055	3,491,108	4,651,287	25,620,456
General services and administrations:								
Passenger service	393,080	6,344	14,862	5,383	16,398	1,136,191	1,572,258	8,810,759
Aircraft and traffic servicing	499,460	35,912	106,431	26,359	15,848	2,241,777	2,925,787	17,468,179
Promotion and sales	751,258	7,321	13,537	39,813	25,439	2,517,478	3,359,846	17,919,453
General administration	169,812	19,509	50,711	19,623	15,140	588,283	863,078	5,126,646
Totals	1,813,610	69,086	190,541	91,178	72,825	6,483,729	8,720,969	49,325,037
Depreciation and amortization	220,037	17,027	38,362	31,259	72,495	1,851,664	2,230,844	13,149,458
Total operating expenses	4,499,617	222,478	556,095	306,048	491,593	15,157,145	21,232,976	118,503,632
Operating income (loss)	424,386	28,360	76,244	50,984	92,197	2,616,053	3,288,224	Dr. 1,919,481
Non-operating income - Net:								
Capital gains and losses	47,371	150	-	-	-	83,797	47,521	338,668
Interest and discounts	24,669	-	-	73	222	-	108,761	518,979
Miscellaneous non-operating income ..	8,755	40	Dr.	1,469	-	82,648	77,457	556,651
Income before interest expense	505,181	28,550	74,109	49,588	92,419	2,617,202	3,367,049	Dr. 2,266,021
Interest expense	-	6,087	10,047	23,288	11,298	944,947	995,667	5,875,440
Income before income taxes	505,181	22,463	64,062	26,300	81,121	1,672,255	2,371,382	Dr. 8,141,461
Provision for income taxes	-	-	-	-	-	-	-	-
Net income after income taxes	505,181	22,463	64,062	26,300	81,121	1,672,255	2,371,382	Dr. 8,141,461

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

June 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Unit toll:	1,947	12,277	14,224	764	1,799	1,245	969	4,277	18,501
	3,037	16,382	20,017	767	1,451	1,018	1,114	4,350	24,367
	1,094,313	5,492,305	6,586,618	28,212	181,224	92,606	36,440	338,482	5,830,807
Revenue miles flown:									
Scheduled services - Regular	1,024,813	4,374,370	5,454,184	24,934	180,298	91,931	35,640	332,803	5,786,987
Extra section	19,062	132,899	201,955	3,407	17,715	-	3,484	24,606	226,561
	80,743	1,022,899	1,103,642	93,548	12,627	86,031	108,535	300,741	367,487
	1,105,627	5,397,265	6,502,892	121,889	210,640	177,962	147,659	658,150	6,381,035
Ratio of regular miles flown to	99.1	99.4	...	88.4	99.5	99.3	97.8	...	...
Revenue goods carried:	61,350	347,948	389,798	4,861	12,377	10,199	5,585	33,022	422,820
	115,093	1,022,350	1,137,443	-	26,358	211,266	13,392	251,016	1,388,459
	583,912	4,664,772	5,268,634	1,002,527	463,152	-	237,665	1,703,344	6,971,978
Excess baggage	170,775	2,324,987	2,501,411	12,637	32,137	38,796	15,045	98,615	98,615
	875,729	8,031,759	8,907,488	112,970	124,537	31,135	60,191	328,633	2,830,044
				1,128,134	645,984	281,197	326,293	2,381,608	11,289,096
Scheduled services	66,409,052	253,630,813	370,039,865	340,837	3,439,062	1,845,878	529,692	6,155,469	326,195,334
Non-scheduled services	1,482,112	-	1,482,112	763,188	42,548	1,557,321	1,598,958	3,962,015	5,444,127
	67,891,164	253,630,813	371,521,977	1,104,025	3,481,610	3,403,199	2,128,650	10,117,484	331,639,461
Available seat-miles on scheduled	123,265,604	409,708,284	532,973,888	735,882	7,349,978	3,193,020	935,596	12,214,476	545,188,364
Passenger load factor on scheduled	53.9	62.0	...	46.3	46.8	57.8	56.6	...	...
Revenue goods ton-miles:									
Express - Scheduled services	29,881	349,450	379,450	-	8,566	18,634	1,129	28,329	407,789
Non-scheduled services	30,895	349,579	380,474	-	-	13,067	4,607	17,674	18,683
Freight - Scheduled services	378,803	2,487,464	3,066,726	2,285	8,566	31,701	5,736	46,003	426,477
Non-scheduled services	582,017	2,387,404	3,069,481	230,135	1,116	-	1,025	131,253	3,197,979
				233,020	129,059	-	29,840	261,691	264,446
							30,865	392,944	3,462,425

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

June 1962

- 11 -

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	
Unit toll - Continued:								
Excess baggage - Scheduled services No.	33,321	122,406	155,727	300	6,207	2,915	961	166,110
Non-scheduled services	112	-	112	1,342	48	3,568	2,098	7,168
Totals	33,433	122,406	155,839	1,642	6,255	6,483	3,059	173,278
Non-scheduled services	105,861	994,536	1,100,397	2,965	39,092	194	1,763	1,145,311
Totals	3,822	-	3,822	8,293	129	5,474	6,999	24,717
Non-scheduled services	109,683	994,536	1,104,219	12,158	39,221	5,668	8,762	1,170,028
Totals	748,395	3,822	752,217	12,158	181,805	21,743	4,878	4,917,189
Non-scheduled services	7,703	-	7,703	240,370	1,293	22,109	43,544	315,019
Totals	756,028	3,953,985	4,710,013	246,820	183,101	43,852	48,422	5,232,208
Available ton-miles on scheduled services	15,980,360	55,319,362	71,299,722	75,982	906,189	317,823	96,847	72,696,563
Weight load factor on scheduled services(3)	46.2	53.0	...	53.3	58.0	59.9	63.7	...
Bulk:								
Revenue - Departures	150	37	187	68	2,316	-	782	3,353
Hours flown	896	57	953	94	1,979	-	1,254	4,280
Miles flown	286,460	17,605	304,065	15,020	214,041	-	199,175	732,301
Passengers carried	4,837	1,271	6,108	432	3,897	-	1,738	12,175
Freight carried	-	-	-	237,831	620,652	-	1,243,629	2,102,112
Revenue hours flown	-	31	31	-	-	-	-	31
Total - All services:								
Traffic, hours and miles:(4)								
Revenue	16,519	57,345	73,864	832	3,615	1,245	1,751	21,854
Hours flown	953	57	1,010	861	3,430	1,018	2,368	28,678
Miles flown	286,460	17,605	304,065	15,020	214,041	177,962	346,834	7,113,336
Passengers carried	4,837	1,271	6,108	432	3,897	10,199	7,323	434,995
Freight carried	-	-	-	237,831	620,652	211,162	1,494,686	10,462,549
Totals	16,519	57,345	73,864	832	3,615	281,197	1,569,922	13,391,208

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

June 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(l)	Quebecair Inc. (l)	Transair Ltd. (l)	Total(l)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	125	209	334	17	188	31	81	317	651
Passengers carried	1,130	..	..	168	251	128	100	647	..
Goods carried	136,677	..	..	23,952	38,219	-	10,266	72,437	..
Passenger-miles	2,360,079	12,474,744	14,834,823	37,115	75,069	43,249	51,961	207,394	15,042,217
Goods ton-miles	172,882	374,994	547,876	5,230	12,754	-	2,730	20,714	568,590
Fuel consumed:									
Turbo fuel - Quantity	3,566,718	12,082,545	15,649,263	-	-	157,396	-	157,396	15,806,659
Cost	522,969	1,655,260	2,178,229	-	-	36,340	-	36,340	2,214,569
Gasoline - Quantity	234,621	22,752	257,373	112,177	233,060	36,137	259,461	640,835	898,208
Cost	68,047	7,363	75,410	37,477	93,150	11,359	100,567	242,553	317,963
Oil consumed:									
Turbo aircraft - Quantity ..	619	3,829	4,448	-	-	980	-	980	5,428
Cost	5,515	38,103	43,618	-	-	732	-	732	44,350
Other aircraft - Quantity ..	3,061	372	3,433	1,317	2,818	835	1,751	6,721	10,154
Cost	2,592	316	2,908	1,336	2,818	426	1,751	6,331	9,239
Average number of employees:									
Flying personnel	406	1,587	1,993	35	100	45	66	246	2,239
Other personnel	2,139	10,521	12,660	162	373	252	261	1,048	13,708
Totals	2,545	12,108	14,653	197	473	297	327	1,294	15,947
Salaries and wages paid:									
Flying personnel	346,200	1,106,876	1,453,076	23,384	78,637	26,650	41,568	170,239	1,623,315
Other personnel	903,202	4,746,629	5,649,831	54,224	170,476	92,549	99,273	416,522	6,066,353
Totals	1,249,402	5,853,505	7,102,907	77,608	249,113	119,199	140,841	586,761	7,689,668

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

June 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	34,730	4,380	12,027	10,199	4,833	287,626	353,795
Domestic interline	3,134	481	-	-	-	-	-
Foreign interline	3,451	-	-	-	-	60,322	67,368
Totals(2)	41,295	4,861	12,027	10,199	4,833	347,948	421,163
Revenue express carried:							
Originated	115,093	-	26,358	211,266	13,392	1,022,350	1,388,459
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	115,093	-	26,358	211,266	13,392	1,022,350	1,388,459
Revenue freight carried:							
Originated	451,925	762,068	446,823	-	56,704	4,684,722	6,402,242
Domestic interline	12,826	-	-	-	-	-	12,826
Foreign interline	83,198	-	-	-	-	-	83,198
Totals(2)	547,949	762,068	446,823	-	56,704	4,684,722	6,498,266
Revenue excess baggage carried:							
Originated .....	..	12,637	31,514	38,796	12,760	..	95,707 ^{3/}
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	12,637	31,514	38,796	12,760	..	95,707 ^{3/}
Revenue mail carried:							
Originated	176,724	112,970	121,335	31,135	19,361	2,324,687	2,786,212
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	176,724	112,970	121,335	31,135	19,361	2,324,687	2,786,212

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.
(2) Excludes division interline.
(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

June 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	2,187	525	275	73	3,060	12,133	15,193
Revenue hours flown	3,223	2,354	814	488	6,879	14,252	21,131
Revenue miles scheduled	654,686	1,061,962	308,820	216,291	2,241,759	3,287,006	5,528,765
Revenue miles flown:							
Scheduled services - Regular	646,808	1,054,998	308,820	206,863	2,217,489	3,272,335	5,489,824
Extra sections	47,354	16,541	1,119	-	65,014	140,425	205,439
Non-scheduled services	-	-	-	-	-	175,281	175,281
Totals	694,162	1,071,539	309,939	206,863	2,282,503	3,588,041	5,870,544
Ratio of regular miles flown to miles scheduled	98.8	99.3	100.0	95.6	98.9	99.6	99.3
Revenue passengers carried	No.	...	...	...	123,305	272,078	395,383
Revenue cargo carried	lb.	...	...	...	2,839,839	3,817,295	6,657,134
Revenue mail carried .....	...	...	...	...	313,925	2,247,677	2,561,602
Revenue passenger-miles	No.	32,079,965	68,935,954	10,739,450	127,287,939	196,362,688	323,650,627
Available seat-miles on scheduled services	"	47,448,955	138,034,103	36,746,806	247,055,452	286,854,032	533,909,484
Passenger load factor on scheduled services ...		67.6	49.9	42.3	43.3	68.5	60.6
Revenue goods ton-miles:							
Express	No.	68,507	-	-	68,507	317,703	386,210
Freight	"	381,128	613,027	130,300	1,325,042	1,775,304	3,100,346
Excess baggage	"	15,654	26,262	17,352	5,514	94,316	158,898
Mail	"	33,968	133,382	35,952	36,082	871,597	1,112,981
Totals	"	501,057	772,671	183,604	242,183	3,058,920	4,758,435
Available ton-miles on scheduled services	"	5,914,129	18,863,089	4,740,319	3,259,531	38,619,501	71,396,569
Weight load factor on scheduled services(1) ...		62.7	40.6	36.6	40.4	57.8	51.5

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

June 1962

	Month		Year to date	
	Revenue hours No.	Revenue earned \$	Revenue hours No.	Revenue earned \$
Flying training	3,288	51,507	15,924	279,173
Recreational flying	1,074	25,364	5,049	98,822
Aerial photography and survey	1,006	180,750	2,150	379,703
Aerial photography (excluding survey)	134	5,041	748	43,347
Aerial pest control	2,220	349,074	2,421	369,521
Aerial advertising	6	500	53	4,468
Aerial patrol and inspection	2,028	153,895	6,029	528,717
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	2	158
Geophysical survey	1,591	136,979	4,602	424,354
Non-transportation charter	138	50,049	167	51,499
Other specialty flying	178	13,318	295	36,280
Total specialty flying	11,663	966,477	37,440	2,216,042

TABLE 8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV

June 1962

	Month	Year to date
Revenue hours flown	7,586	17,430
Average number of aircraft	109	117
Average number of employees:		
Flying personnel	232	206
Other personnel	127	134
Totals	359	340
Salaries and wages paid:		
Flying personnel	154,746	754,683
Other personnel	62,194	437,086
Totals	216,940	1,191,769
Operating revenues:		
Bulk transportation	770,406	1,978,487
Other flying services	84,606	205,235
Non-flying services	35,869	232,709
Totals	890,881	2,416,431
Operating expenses:		
Flying operations	136,594	1,126,391
Maintenance	373,265	959,593
General services and administration ..	72,594	370,796
Depreciation and amortization	92,553	541,895
Totals	675,006	2,998,675
Operating income (loss)	215,875	Dr. 582,244
Net income (deficit) after income taxes \$	199,237	Dr. 632,126

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

June 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	74,158	76,667	150,825	21,878	16,153	38,031
Bulk transportation "	293	412	705	3,950	2,186	6,136
Totals "	74,451	77,079	151,530	25,828	18,339	44,167
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	528,290	2,894,767	3,423,057	289,754	914,863	1,204,617
Bulk transportation "	50	50	100	-	-	-
Totals "	528,340	2,894,817	3,423,157	289,754	914,863	1,204,617
Mail carried (unit toll transportation) "	119,261	212,697	331,958	92,098	112,820	204,918
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,591	3,632	7,223	99,627	96,452	196,079
Bulk transportation "	-	105	105	4,243	2,703	6,946
Totals "	3,591	3,737	7,328	103,870	99,155	203,025
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	99,703	60,693	160,396	917,747	3,870,323	4,788,070
Bulk transportation "	-	-	-	50	50	100
Totals "	99,703	60,693	160,396	917,797	3,870,373	4,788,170
Mail carried (unit toll transportation)	7,807	9,260	17,067	219,166	334,777	553,943

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers
Second Quarter 1962

	Quarter	Year to date
Number of reporting carriers	172	...
Bulk transportation:		
Revenue hours flown	14,206	21,897
Revenue passengers carried	27,689	42,248
Revenue goods carried	1,857,649	2,815,344
Specialty flying services:		
Revenue hours flown:		
Flying training	13,636	26,799
Recreational flying	2,187	4,823
Aerial photography and survey	187	286
Aerial photography (excluding survey) ..	73	73
Aerial pest control	2,677	2,722
Aerial advertising	13	13
Aerial patrol and inspection	983	1,545
Philanthropic	-	-
Aerial fish cultivation	-	-
Geophysical survey	9	9
Non-transportation charter	29	29
Other specialty flying	2,775	4,407
Total specialty flying services ..	22,569	40,706
Total - All services:		
Revenue hours flown	36,775	62,603
Non-revenue hours flown	2,477	4,129

TABLE 11. Statement of Income, Canadian Group V Carriers
Second Quarter 1962

	Quarter	Year to date
	dollars	
Operating revenues:		
Bulk transportation	682,508	1,112,410
Other flying services	599,923	908,266
Total flying services	1,282,431	2,020,676
Non-flying services	341,895	918,463
Total operating revenues	1,624,326	2,939,139
Operating expenses:		
Flying operations	689,679	1,230,642
Maintenance	258,931	503,096
General services and administration	318,466	941,623
Depreciation	228,397	430,701
Total operating expenses	1,495,473	3,106,062
Operating income (loss)	128,853	Dr. 166,923
Non-operating income - Net	Dr. 39,946	Dr. 119,332
Income before income taxes	88,907	Dr. 286,255
Provision for income taxes	12,949	17,419
Net income after income taxes	75,958	Dr. 303,674

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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CIVIL AVIATION

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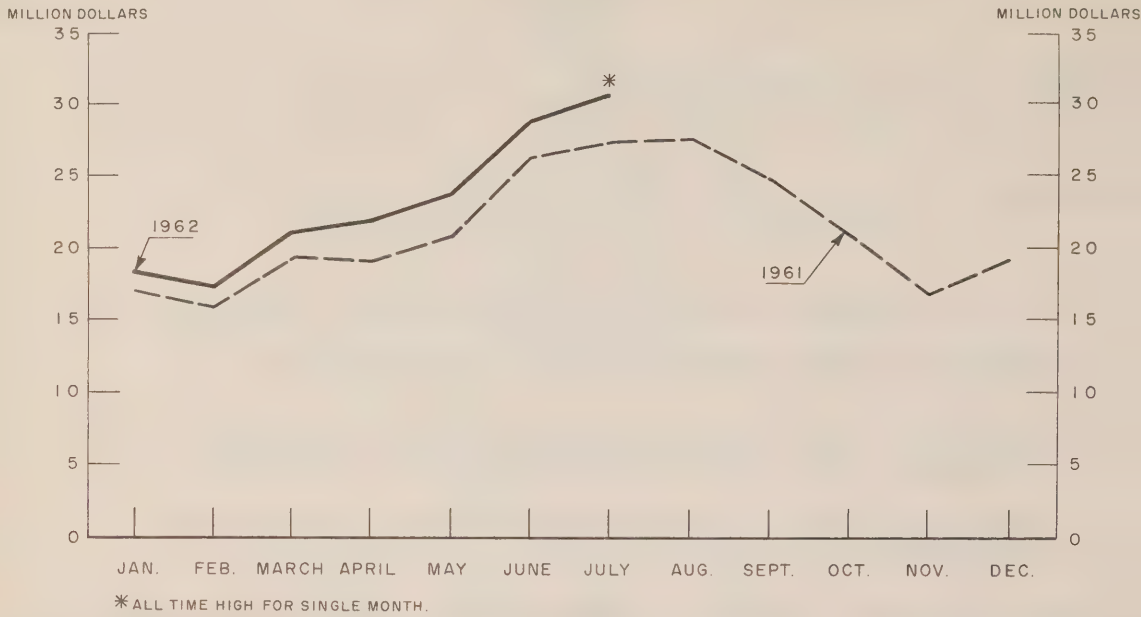
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

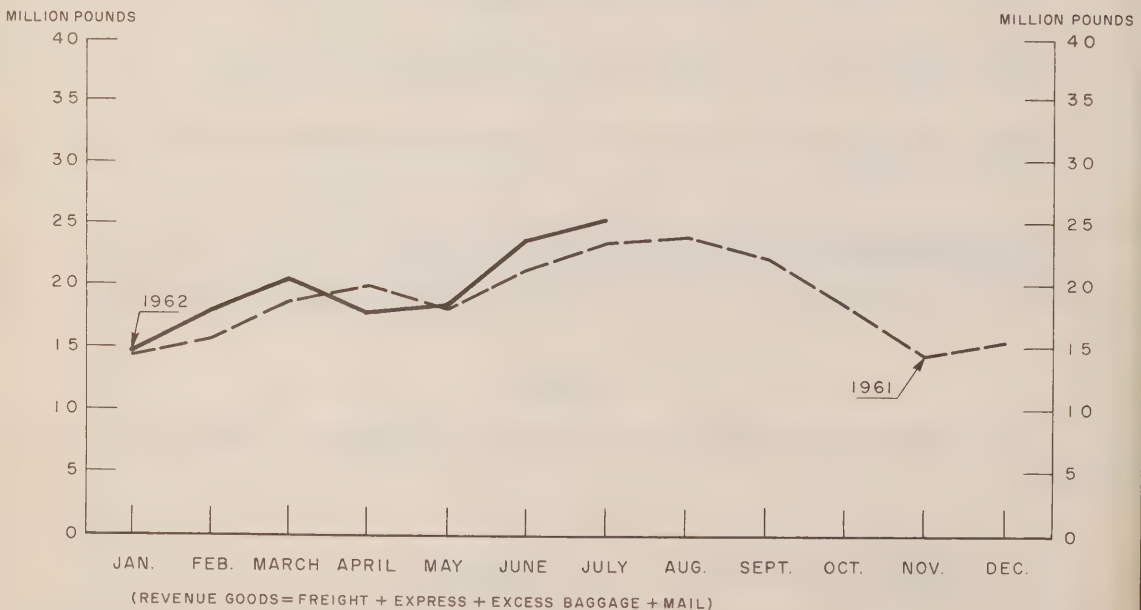
OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Statistics on aircraft owned and leased by Canadian carriers are presented in Table 10 for each group of carriers, by category of aircraft and weight group.

Review of July operations

During the month of July, 1962, Canadian air carriers transported more revenue goods and more revenue passengers than in July of the previous year. Passengers carried rose 8.7 per cent to 519,618 from 477,901 and the volume of goods flown increased 7.2 per cent to 25,027,064 lbs. from 23,354,147 lbs. Revenue miles flown increased 4.4 per cent to 10,703,918 from 10,256,118. Operating revenues rose 12.1 per cent to \$30,430,077 (an all time high for a single month) from \$27,155,067 while operating expenses increased 8.4 per cent to \$25,674,665 from \$23,693,048. As a result, the operating income of \$4,755,412 was substantially higher than that of \$3,462,019 reported in July, 1961 and the net income, after provision for income taxes and other charges, rose to \$3,586,515 from \$2,602,066.

For the first seven months of 1962 both the number of revenue passengers and the volume of revenue goods carried registered significant increases in comparison with the same period a year earlier. Revenue passengers carried increased 11.8 per cent to 3,086,156 from 2,760,783 while revenue goods transported rose 10.6 per cent to 143,313,672 lbs. from 129,996,742 lbs. Operating revenues for the period were up 11.6 per cent to \$162,366,618 from \$145,532,760 and operating expenses rose 7.5 per cent to \$160,293,494 from \$149,053,458.

In July, the six scheduled carriers transported 437,299 revenue passengers or 84.2 per cent of the total number carried and 12,043,777 lbs. of revenue goods or 48.1 per cent of the total. Comparable figures for July, 1961, were 413,116 revenue passengers or 86.4 per cent of the total and 11,014,666 lbs. of revenue goods or 47.2 per cent of the total. The scheduled carriers also accounted for 83.5 per cent of the operating revenues and 85.9 per cent of the operating expenses. Corresponding figures for July of the previous year were 84 per cent and 86.6 per cent respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 70 per cent of all commercial helicopters in Canada. In July, 1962, the revenue hours flown amounted to 10,517, virtually unchanged from the 10,582 hours flown in July, 1961.

Foreign carriers licensed to operate in Canada transported 75,277 revenue passengers compared with 86,141 in July 1961. However, the volume of revenue goods carried rose 16.9 per cent to 1,908,689 lbs. from 1,632,352 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services
July 1962

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			Total	Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV						
Number of carriers reporting ...	6	22	58	80	86	9	9	104	...
Transportation services:									
Unit toll:									
Revenue departures	19,382	3,637	862	4,499	23,881	..	..	..	..
Revenue hours flown	25,291	3,865	561	4,426	29,717	383	1,302	31,402	194,513
Revenue miles scheduled	6,181,604	...	...	...	6,181,604	93,192	493,791	6,768,587	41,376,140
Revenue miles flown:									
Scheduled services	6,316,883(4)	...	...	...	6,316,883(4)	92,512	502,452	6,911,847(4)	42,089,275(4)
Non-scheduled services ...	378,269(4)	519,437	70,930	590,367	968,636(4)	-	-	968,636(4)	5,621,414(4)
Totals	6,695,152	519,437	70,930	590,367	7,285,519	92,512	502,452	7,880,483	47,710,689
Revenue passengers carried "	421,518	17,874	2,989	20,863	442,381	41,537	29,167	513,085	3,276,666
Revenue goods carried:									
Cargo	7,575,927	1,214,931	113,829	1,328,760	8,904,687	634,529	1,037,163	10,701,641	66,316,097
Excess baggage	87,113(5)	28,429	9,720	38,149	125,262(5)	97,660	139,337	3,034,888	23,838,515
Mail	2,705,066	74,923	17,902	92,825	2,797,891	732,189	1,176,500	13,736,529	90,154,612
Totals	10,368,106	1,318,283	141,451	1,459,734	11,827,840	2,336,501	25,219,459	385,976,198	2,124,595,364
Revenue passenger-miles No.	353,871,572	4,328,861	219,805	4,548,666	358,420,238	2,336,501	25,219,459	385,976,198	2,124,595,364
Revenue goods ton-miles:									
Cargo	3,378,477	321,532	2,735	324,267	3,702,744	19,724	353,428	4,230,189	29,192,905
Excess baggage	143,351	10,531	411	10,942	154,293	2,013	64,804	1,180,322	8,857,824
Mail	1,090,501	22,167	837	23,004	1,113,505	21,737	418,232	5,410,511	38,050,729
Totals	4,612,329	354,230	3,983	358,213	4,970,542	21,737	418,232	5,410,511	38,050,729
Bulk:									
Revenue - Departure	3,975	14,319	16,254	30,573	34,548	..	..	..	..
Hours flown	4,637	19,236	13,565	32,801	37,438	1	172	37,611	134,210
Miles flown	759,190	1,353,791	1,305,418	2,659,209	3,418,399	72	49,770	3,468,241	13,632,678
Passengers carried "	15,781	31,144	30,312	61,456	77,237	94	4,479	81,810	286,731
Freight carried .. lb.	1,675,671	8,032,178	3,491,375	11,523,553	13,199,224	-	-	13,199,224	63,740,410
Non-transportation services:									
Specialty flying:									
Revenue hours flown	12	3,695	7,759	11,454	11,466	-	-	11,466	49,840

See footnotes at end of table.

July 1962

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	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
	Scheduled carriers Groups I and II(1)	Group III(1)	Group IV				Total		
Total - All services:									
Traffic, hours and miles:(6)									
Revenue:									
Departures	23,357	17,956	17,116	35,072	58,429	..	..	..	..
Hours flown	29,940	26,796	21,885	48,681	78,621	384	1,474	80,479	378,563
Miles flown	7,454,342	1,873,228	1,376,348	3,249,576	10,703,918	92,584	552,222	11,348,724	61,343,367
Passengers carried	437,299	49,018	33,301	82,319	519,618	41,631	33,646	594,895	3,563,397
Cargo carried	9,251,598	9,247,109	3,605,204	12,852,313	22,103,911	634,529(7)	1,037,163(7)	23,900,865(7)	130,056,507(7)
Goods carried	12,043,777	9,350,461	3,632,826	12,983,287	25,027,064	732,189	1,176,500	26,935,753	153,895,022
Non-revenue:									
Hours flown	425	986	649	1,635	2,060	1	21	2,082	15,463
Passengers carried .....	..	520	34	554	..	619	4,720	..	..
Goods carried .....	..	60,648	-	60,648	..	4,965	65,025	..	..
Passenger-miles	18,545,913	268,634	2,835	271,469	18,817,382	35,366	855,430	19,708,178	99,402,721
Goods ton-miles	599,794	23,101	-	23,101	622,895	235	22,873	646,003	4,327,048
Fuel consumed:									
Turbo fuel - Quantity	16,623,668	98,364	-	98,364	16,722,032	179,623	2,880,232	19,781,887	117,505,776
Cost	2,432,853	17,559	-	17,559	2,450,412	37,888	425,350	2,913,650	17,029,013
Gasoline - Quantity	885,056	1,026,756	303,369	1,330,125	2,215,181	22,987	300,518	2,538,678	13,558,109
Cost	316,968	406,754	140,582	547,336	864,304	6,636	70,303	941,243	4,824,492
Oil consumed:									
Turbo aircraft - Quantity ..	4,058	6	-	6	4,064	3	124	4,191	29,509
Cost	37,323	108	-	108	37,431	5	1,029	38,465	262,940
Other aircraft - Quantity ..	9,978	11,921	6,424	18,345	28,323	38	2,481	30,842	159,759
Cost	10,212	21,969	8,061	30,030	40,242	29	1,714	41,985	192,541
Average number of employees:									
Flying personnel	2,248	609	299	908	3,156	..	..	..	..
Other personnel	13,837	936	558	1,494	15,331	..	..	..	..
Totals	16,085	1,545	857	2,402	18,487	165	792	19,444	18,828
Salaries and wages paid:									
Flying personnel	1,655,397	419,486	173,095	592,581	2,247,978	..	..	..	..
Other personnel	6,318,257	424,494	204,495	628,989	6,947,246	..	..	..	..
Totals	7,973,654	843,980	377,590	1,221,570	9,195,224	81,091	326,649	9,602,964	63,867,814

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate

as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation

services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

July 1962

	Scheduled carriers			Non-scheduled carriers				Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total			
				dollars					
Operating revenues:									
Unit toll transportation:									
Passengers	20,270,378	947,236	21,217,614	459,244	40,663	499,907	21,717,521	120,265,665	
Express	314,622	47,728	362,350	14,099	1,688	15,787	378,137	2,373,277	
Freight	718,062	187,972	906,034	161,586	7,141	168,727	1,074,761	6,961,707	
Excess baggage	112,076	19,988	132,064	10,929	787	11,716	143,780	888,221	
Mail	964,368	81,863	1,046,231	29,926	4,410	34,336	1,080,567	8,190,528	
Total unit toll transportation ..	22,379,306	1,284,787	23,664,293	675,784	54,689	730,473	24,394,766	138,679,398	
Bulk transportation	903,129	542,053	1,445,182	2,201,821	1,033,054	3,234,875	4,680,057	17,207,538	
Total transportation	23,282,635	1,826,840	25,109,475	2,877,605	1,087,743	3,965,348	29,074,823	155,886,936	
Other flying services	2,976	-	2,976	498,296	238,316	736,612	759,588	2,987,844	
Total flying services	23,285,611	1,826,840	25,112,451	3,375,901	1,346,059	4,721,960	29,834,411	158,874,780	
Non-flying services	298,216	8,250	306,466	137,661	151,539	289,200	595,666	3,491,838	
Total operating revenues	23,583,827	1,835,090	25,418,917	3,513,562	1,497,598	5,011,160	30,430,077	162,366,618	
Operating expenses:									
Flying operations	5,496,063	583,714	6,079,777	1,302,435	420,455	1,722,890	7,802,667	44,809,251	
Maintenance	4,244,488	379,351	4,623,839	745,657	225,370	971,027	5,594,866	35,841,652	
General services and administration:									
Passenger service	1,613,853	48,028	1,661,881	..	..	..	..	..
Aircraft and traffic servicing	2,890,801	197,467	3,088,268	..	..	..	..	..
Promotion and sales	3,372,937	106,527	3,479,464	..	..	..	..	..
General administration	801,910	110,782	912,692	..	..	..	..	..
Totals	8,679,501	462,804	9,142,305	444,181	162,260	606,441	9,748,746	62,111,801	
Depreciation and amortization	2,061,079	136,851	2,197,930	207,425	123,031	330,456	2,528,386	17,530,790	
Total operating expenses	20,481,131	1,562,720	22,043,851	2,699,698	931,116	3,630,814	25,674,665	160,293,494	
Operating income (loss)	3,102,696	272,370	3,375,066	813,864	566,482	1,380,346	4,755,412	2,073,124	
Non-operating income - Net:									
Capital gains and losses	-	Dr. 37,364	Dr. 37,364	13,416	684	14,100	Dr. 23,264	Dr. 174,858	
Interest and discounts	132,305	2,181	134,486	1,192	1,783	2,975	137,461	674,964	
Miscellaneous non-operating income ..	Dr. 91,845	Dr. 76,099	Dr. 167,944	Dr. 7,970	598	Dr. 7,372	Dr. 175,316	Dr. 751,842	
Income before interest expense	3,143,156	161,088	3,304,244	820,502	569,547	1,390,049	4,694,293	1,821,388	
Interest expense	971,466	37,893	1,009,359	58,867	24,156	83,023	1,092,382	7,352,809	
Income before income taxes	2,171,690	123,195	2,294,885	761,635	545,391	1,307,026	3,601,911	Dr. 5,531,421	
Provision for income taxes	-	145	145	5,285	9,966	15,251	15,396	34,114	
Net income after income taxes	2,171,690	123,050	2,294,740	756,350	535,425	1,291,775	3,586,515	Dr. 5,565,535	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

July 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	4,056,769	126,086	314,834	306,394	199,922	16,213,609	21,217,614	117,749,339
Express	22,863	-	7,939	37,771	2,018	291,759	362,350	2,259,095
Freight	192,040	115,498	45,089	-	27,385	526,022	906,034	6,294,222
Excess baggage	20,056	1,171	8,809	7,434	2,574	92,020	132,064	831,616
Mail	136,775	20,265	41,292	2,412	17,894	827,593	1,046,231	7,640,363
Total unit toll transportation ..	4,428,503	263,020	417,963	354,011	249,793	17,951,003	23,664,293	134,776,635
Bulk transportation:								
Bulk transportation	795,071	19,431	224,233	2,851	295,538	108,058	1,445,182	5,286,975
Total transportation	5,223,574	282,451	642,196	356,862	545,331	18,059,061	25,109,475	140,061,610
Other flying services	-	-	-	-	-	2,976	2,976	19,298
Total flying services	5,223,574	282,451	642,196	356,862	545,331	18,062,037	25,112,451	140,080,908
Non-flying services	71,794	12,346	10,792	2,286	4,410	226,422	306,466	1,922,160
Total operating revenues	5,295,368	294,797	653,404	359,148	549,741	18,288,459	25,418,917	142,003,068
Operating expenses:								
Flying operations:								
Flying operations	1,970,557	86,167	232,771	92,702	172,074	3,525,506	6,079,777	36,488,458
Maintenance	793,207	51,310	118,681	80,181	129,179	3,451,281	4,623,839	30,244,295
General services and administrations:								
Passenger service	391,943	8,056	18,256	5,764	15,952	1,221,910	1,661,881	10,472,640
Aircraft and traffic servicing	486,888	34,919	112,760	24,301	25,487	2,403,913	3,088,268	20,556,647
Promotion and sales	817,073	7,659	21,821	45,330	31,717	2,555,864	3,479,464	21,398,917
General administration	167,506	18,164	41,182	18,565	22,871	634,404	912,692	6,039,338
Totale	1,863,410	68,798	194,019	93,960	106,027	6,816,091	9,142,305	58,467,342
Depreciation and amortization	215,031	16,900	46,011	31,361	42,579	1,846,048	2,137,930	15,347,388
Total operating expenses	4,842,205	223,175	591,482	298,204	449,859	15,638,926	22,043,851	140,547,483
Operating income (loss)	453,163	71,622	39,922	60,944	99,882	2,649,533	3,375,066	1,455,585
Non-operating income - Net:								
Capital gains and losses	-	2,200	39,564	-	28	-	Dr.	376,032
Interest and discounts	31,818	2,149	Dr.	4	-	100,487	134,486	653,465
Miscellaneous non-operating income ..	5,163	48	Dr.	289	-	86,682	Dr.	694,795
Income before interest expense	479,818	76,019	75,500	60,659	99,910	2,663,338	3,304,244	1,038,223
Interest expense	-	5,241	10,428	13,043	9,181	971,466	1,009,359	6,884,799
Income before income taxes	479,818	70,778	85,928	47,616	90,729	1,691,872	2,294,885	5,846,576
Provision for income taxes	-	145	-	-	-	-	145	145
Net income after income taxes	479,818	70,633	85,928	47,616	90,729	1,691,872	2,294,740	5,846,721

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

July 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services:									
Unit toll:									
Revenue departures	2,004	13,007	15,011	831	1,273	1,311	956	4,371	19,382
Revenue hours flown	3,537	17,426	20,963	851	1,302	1,033	1,142	4,328	25,291
Revenue miles scheduled	1,087,066	4,758,534	5,845,600	27,436	179,914	91,004	37,650	336,004	6,181,604
Revenue miles flown:									
Scheduled services - Regular	1,080,973	4,717,451	5,798,424	25,445	170,533	90,114	36,850	322,942	6,121,366
Extra section	10,114	165,559	175,673	7,189	8,095	-	4,560	19,844	195,517
Non-scheduled services	65,008	-	65,008	100,615	15,823	87,118	109,705	313,261	378,269
Totals	1,156,095	4,883,010	6,039,105	133,249	194,451	177,232	151,115	656,047	6,695,152
Ratio of regular miles flown to miles scheduled	99.4	99.1	...	92.7	94.8	99.0	97.9	...	...
Revenue passengers carried	43,546	342,538	386,084	6,293	13,475	9,911	5,755	35,434	421,518
Revenue goods carried:									
Express	103,421	904,898	1,008,319	-	23,495	178,134	17,100	218,729	1,227,048
Freight	541,525	4,051,908	4,593,433	1,081,576	432,158	-	241,712	1,755,446	6,348,879
Excess baggage	-	-	-	10,134	28,126	36,439	12,414	87,113	87,113 (2)
Mail	170,698	2,211,157	2,381,855	110,879	135,568	21,047	55,697	323,211	2,705,066
Totals	815,644	7,167,963	7,983,607	1,202,589	619,367	235,607	326,923	2,384,499	10,368,106
Revenue passenger-miles:									
Scheduled services	69,821,147	271,924,394	341,745,541	449,898	3,550,765	1,827,436	574,322	6,402,421	348,147,962
Non-scheduled services	1,578,680	-	1,578,680	928,313	50,826	1,509,720	1,656,071	4,144,930	5,723,610
Totals	71,399,827	271,924,394	343,324,221	1,378,211	3,601,591	3,337,156	2,230,393	10,547,351	353,871,572
Available seat-miles on scheduled services	124,056,485	439,743,042	563,799,527	833,652	7,503,722	3,119,728	1,028,799	12,485,901	576,285,428
Passenger load factor on scheduled services	56.3	61.8	...	54.0	47.3	58.6	55.8	...	...
Revenue goods ton-miles:									
Express - Scheduled services	27,306	300,776	328,082	-	6,720	18,164	1,408	26,292	354,374
Non-scheduled services	869	-	869	-	-	12,759	3,086	15,845	16,714
Totals	28,175	300,776	328,951	-	6,720	30,923	4,494	42,137	371,088
Freight - Scheduled services	554,756	2,040,306	2,595,062	2,458	113,927	-	1,702	118,087	2,713,149
Non-scheduled services	1,800	-	1,800	257,785	1,083	-	33,572	292,440	294,240
Totals	556,556	2,040,306	2,596,862	260,243	115,010	-	35,274	410,527	3,007,389

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
July 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	95	189	284	19	60	16	46	161	425
Passengers carried	1,222	..	..	207	246	183	162	798	..
Goods carried	139,981	..	..	29,499	48,187	-	14,958	92,644	..
Passenger-miles	2,347,640	15,710,991	18,258,631	43,962	99,295	52,036	91,989	287,282	18,545,913
Goods ton-miles	186,027	383,553	569,580	7,401	19,203	-	3,610	30,214	599,794
Fuel consumed:									
Turbo fuel - Quantity	3,596,931	12,880,831	16,477,762	-	-	145,906	-	145,906	16,623,668
Cost	643,722	1,763,704	2,407,426	-	-	25,427	-	25,427	2,432,853
Gasoline - Quantity	252,743	22,274	275,017	123,000	233,092	30,209	223,738	610,039	885,056
Cost	73,891	7,185	81,076	40,992	94,665	10,903	89,332	235,892	316,968
Oil consumed:									
Turbo aircraft - Quantity ..	499	3,541	4,040	-	-	18	-	18	4,058
Cost	4,520	32,564	37,084	-	-	239	-	239	37,323
Other aircraft - Quantity ..	2,995	3,238	6,233	1,719	2,897	560	1,564	6,740	9,978
Cost	2,766	208	2,974	1,698	3,621	355	1,564	7,238	10,212
Average number of employees:									
Flying personnel	405	1,604	2,009	34	92	46	67	239	2,248
Other personnel	2,113	10,674	12,787	161	375	252	262	1,050	13,837
Totals	2,518	12,278	14,796	195	467	298	329	1,289	16,085
Salaries and wages paid:									
Flying personnel	338,803	1,140,176	1,478,979	22,010	84,737	26,176	43,495	176,418	1,655,397
Other personnel	985,243	4,918,215	5,903,458	55,479	162,904	93,902	102,514	414,799	6,318,257
Totals	1,324,046	6,058,391	7,382,437	77,489	247,641	120,078	146,009	591,217	7,973,654

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company
July 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	36,623	5,732	13,021	9,911	5,009	280,934	351,230
Domestic interline	2,884	561	-	-	-	61,604	68,427
Foreign interline	3,378	-	-	-	-	-	-
Totals(2)	42,885	6,293	13,021	9,911	5,009	342,538	419,657
Revenue express carried:							
Originated	103,421	-	23,495	178,134	17,100	904,898	1,227,048
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	103,421	-	23,495	178,134	17,100	904,898	1,227,048
Revenue freight carried:							
Originated	424,732	790,338	414,763	-	68,463	4,051,908	5,750,204
Domestic interline	13,898	-	-	-	-	-	13,898
Foreign interline	61,610	-	-	-	-	-	61,610
Totals(2)	500,240	790,338	414,763	-	68,463	4,051,908	5,825,712
Revenue excess baggage carried:							
Originated .....	..	10,134	27,791	36,439	11,142	..	85,506(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	10,134	27,791	36,439	11,142	..	85,506(3)
Revenue mail carried:							
Originated	170,698	110,879	132,082	21,047	4,373	2,211,157	2,650,236
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	170,698	110,879	132,082	21,047	4,373	2,211,157	2,650,236

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service
July 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 2,519	601	284	72	3,476	12,491	15,967
Revenue hours flown	" 3,599	2,411	819	477	7,306	14,799	22,105
Revenue miles scheduled	" 739,206	1,099,337	309,823	216,062	2,364,428	3,518,822	5,883,250
Revenue miles flown:							
Scheduled services - Regular	" 726,608	1,098,741	309,823	210,218	2,345,390	3,489,884	5,835,274
Extra sections	" 59,083	6,822	5,552	-	71,457	108,776	180,233
Non-scheduled services	" -	-	-	-	-	174,713	174,713
Totals	" 785,691	1,105,563	315,375	210,218	2,416,847	3,773,373	6,190,220
Ratio of regular miles flown to miles scheduled	98.3	99.9	100.0	97.3	99.2	99.2	99.2
Revenue passengers carried	No. ...	...	...	...	133,219	258,620	391,839
Revenue cargo carried	lb. ...	...	...	...	2,483,679	3,376,885	5,860,564
Revenue mail carried .....	" ...	...	...	...	309,171	2,128,381	2,437,552
Revenue passenger-miles	No. 34,224,052	78,873,674	18,779,150	10,830,439	142,707,315	202,847,299	345,554,614
Available seat-miles on scheduled services	" 52,223,323	143,452,433	37,781,799	25,764,909	259,222,464	305,605,862	564,828,326
Passenger load factor on scheduled services ...	65.5	55.0	49.7	42.0	55.1	65.3	60.6
Revenue goods ton-miles:							
Express	59,198	-	-	-	59,198	274,247	333,445
Freight	266,071	608,240	163,211	220,402	1,257,924	1,374,212	2,632,136
Excess baggage	11,831	22,982	11,969	4,144	50,926	78,640	129,566
Mail	37,361	134,152	29,212	42,707	243,432	793,370	1,036,802
Totals	374,461	765,374	204,392	267,253	1,611,480	2,520,469	4,131,949
Available ton-miles on scheduled services	" 6,375,368	19,456,855	4,790,988	3,380,362	34,003,573	40,724,604	74,728,177
Weight load factor on scheduled services(1) ...	59.6	44.5	43.5	40.0	46.7	55.1	51.3

(1) Standard passenger weight used: 200 pounds.

	Month		Year to date		Month	Year to date
	Revenue hours	Revenue \$	Revenue hours	Revenue \$		
Flying training	3,714	62,771	20,261	352,896	10,517	28,090
Recreational flying	1,290	27,980	6,411	127,896	123	118
Aerial photography and survey	1,317	152,928	3,576	539,237		
Aerial photography (excluding survey)	38	822	789	44,215		
Aerial pest control	808	123,959	3,229	493,480		
Aerial advertising	-	-	53	4,468		
Aerial patrol and inspection	1,940	151,164	7,969	679,881		
Philanthropic	-	-	-	-		
Aerial fish cultivation	-	-	2	158		
Geophysical survey	1,389	139,848	5,991	564,202		
Non-transportation charter	282	28,750	449	80,249		
Other specialty flying	688	115,588	1,110	155,415		
Total specialty flying	11,466	803,810	49,840	3,042,097		
Totals					535,113	Dr. 66,041
Operating revenues:						
Bulk transportation					1,102,134	3,117,027
Other flying services					124,543	329,778
Non-flying services					118,347	357,056
Totals					1,345,024	3,803,861
Operating expenses:						
Flying operations					359,962	1,491,533
Maintenance					245,028	1,205,096
General services and administration					71,611	446,407
Depreciation and amortization					107,362	651,036
Totals					783,963	3,794,072
Operating income (loss)					561,061	9,789
Net income (deficit) after income taxes \$						

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

July 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	75,040	71,508	146,548	25,275	21,662	46,937
Bulk transportation "	97	98	195	6,536	3,568	10,104
Totals "	75,137	71,606	146,743	31,811	25,230	57,041
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	404,957	2,256,995	2,661,952	362,566	921,487	1,284,053
Bulk transportation "	-	-	-	-	-	-
Totals "	404,957	2,256,995	2,661,952	362,566	921,487	1,284,053
Mail carried (unit toll transportation) "	116,751	202,106	318,857	90,757	117,358	208,115
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,700	4,411	9,111	105,015	97,581	202,596
Bulk transportation "	-	110	110	6,633	3,776	10,409
Totals "	4,700	4,521	9,221	111,648	101,357	213,005
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	123,692	58,830	182,522	891,215	3,237,312	4,128,527
Bulk transportation "	-	-	-	-	-	-
Totals "	123,692	58,830	182,522	891,215	3,237,312	4,128,527
Mail carried (unit toll transportation)	6,688	11,090	17,778	214,196	330,554	544,750

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,

as at July 15, 1962

- 17 -

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6	-	23	62	259	350				
Helicopters No.	-	-	127	38	20	185	8			
Turbo jets	11	4	-	-	-	11	4			
Turbo props:										
300,001 lb. and over	-	-	-	-	1	1	-			
150,001-300,000 lb.	-	6	-	-	-	-	-			
100,001-150,000 lb.	22	-	-	-	-	22	-			
50,001-100,000 lb.	49	-	-	-	-	49	-			
50,000 lb. and under	3	-	2	-	-	5	-			
Total turbo props	74	6	2	-	1	77	6			
Piston engines:										
Four engines:										
130,001 lb. and over	3	-	-	-	-	3	-			
100,001-130,000 lb.	3	-	1	-	-	4	-			
70,001-100,000 lb.	3	1	5	1	-	8	2			
50,001- 70,000 lb.	1	-	2	-	-	3	-			
50,000 lb. and under	-	-	-	-	-	-	-			
Total four engines	10	1	8	1	-	18	2			
One or two engines:										
40,001 lb. and over	21	-	4	-	-	25	-			
25,001-40,000 lb.	23	1	33	5	4	70	8			
20,001-25,000 lb.	-	-	2	1	-	3	-			
15,001-20,000 lb.	-	-	22	-	3	29	-			
10,001-15,000 lb.	1	-	5	-	-	9	-			
7,501-10,000 lb.	15	3	43	2	23	115	8			
5,001- 7,500 lb.	20	1	55	3	28	156	6			
4,001- 5,000 lb.	-	-	10	2	7	26	4			
3,001- 4,000 lb.	-	-	13	2	2	92	8			
2,001- 3,000 lb.	4	-	35	9	118	247	56			
2,000 lb. and under	1	-	9	1	89	499	34			
Total one or two engines ..	85	5	231	22	345	1,428	124			
Grand total	180	16	368	29	788	1,719	144			

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.



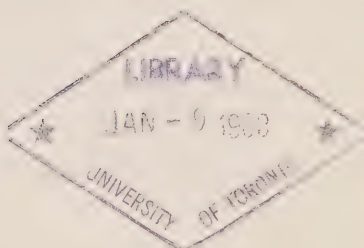
CANADA

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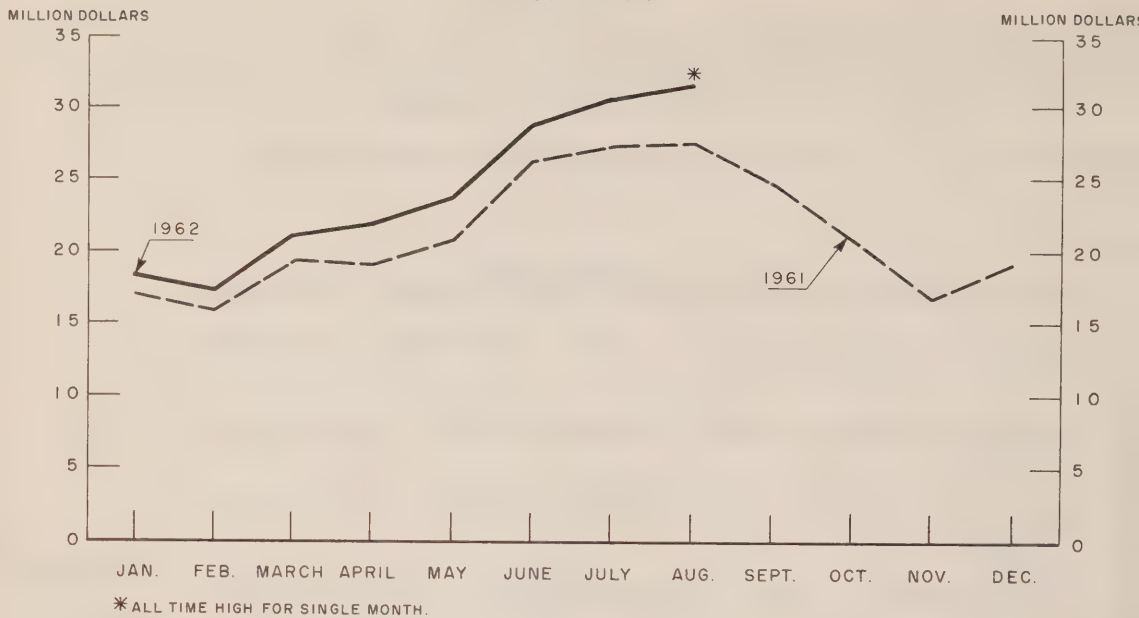
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SYMBOLS

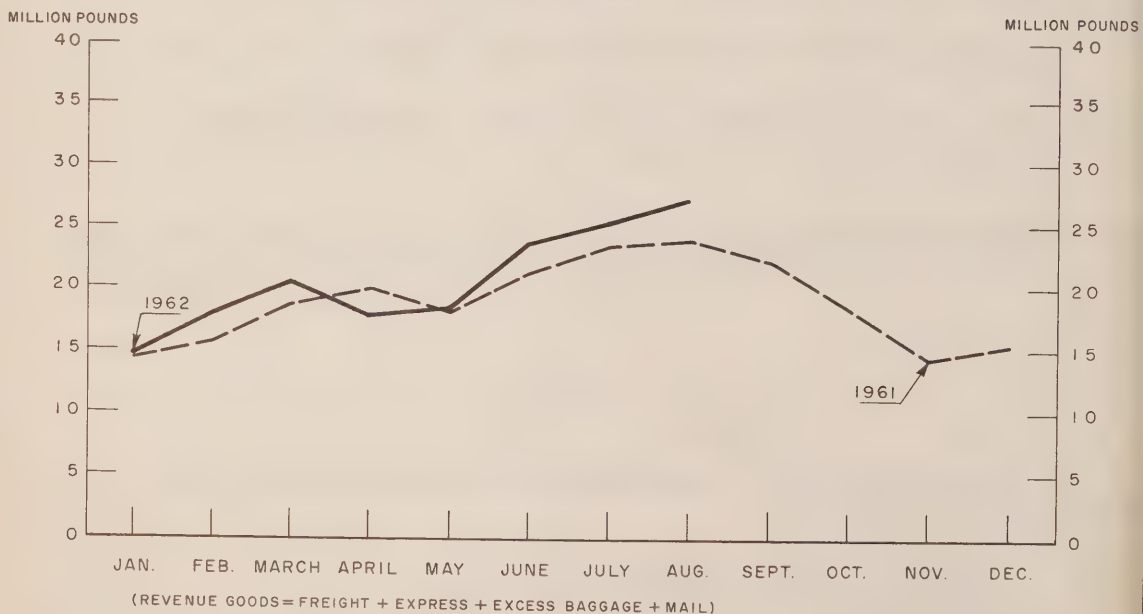
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- ... Figures not appropriate or not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Airlines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Review of August operations

In August 1962, there was a significant increase in both the number of revenue passengers and volume of revenue goods transported by Canadian carriers as compared with the same month of 1961. Passengers carried rose 5.8 per cent to 532,687 from 503,680 and goods flown increased 12.7 per cent to 27,013,365 lbs. from 23,959,531 lbs. Revenue miles flown were up 5.2 per cent to 10,805,216 from 10,269,119. For the second consecutive month operating revenues reached an all time high, increasing 4.7 per cent to \$31,490,158 from \$27,462,828. During the same period, operating expenses rose 8.1 per cent to \$25,426,230 from \$23,526,700. Consequently, the operating income rose to \$6,063,928 from \$3,936,128 and the net income, after provision for income taxes and other charges, climbed to \$5,063,779 from \$2,870,345.

During the eight month period, January to August, both the revenue passengers and revenue goods handled registered substantial increases over the corresponding period of 1961. The number of revenue passengers carried increased 10.9 per cent to 3,620,073 from 3,264,463 and the volume of goods flown increased 11 per cent to 170,955,517 lbs. from 153,956,273 lbs. Operating revenues increased 12 per cent in the eight month period, to \$193,965,695 from \$173,198,373, more than offsetting an increase of 16.6 per cent in operating expenses which rose to \$185,779,621 from \$172,717,923.

In August, the six scheduled carriers transported 457,216 revenue passengers or 85.8 per cent of the total number carried and 11,734,687 lbs. of revenue goods or 43.4 per cent of the total. In August of last year, 86.5 per cent of the revenue passengers and 45.3 per cent of the revenue goods were transported by the scheduled carriers. These carriers also accounted for 83.8 per cent of the operating revenues and 85.7 per cent of the operating expenses in August 1962. Corresponding figures for the previous August are 82.1 per cent and 85.6 per cent respectively.

Table 8 shows data for companies flying helicopters only. The companies operate approximately 10 per cent of all commercial helicopters in Canada. In August 1962, they flew a total of 10,276 revenue hours, an increase of 1.5 per cent over the 10,123 revenue hours flown in August 1961.

Foreign carriers licensed to operate in Canada transported 78,187 revenue passengers in August 1962, as compared with 90,723 in the same month of 1961, a decrease of 13.8 per cent. In contrast the volume of revenue goods flown rose slightly to 1,772,811 lbs. from 1,740,929 lbs. an increase of 1.8 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

August 1962

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers			United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	22	56	78	84	9	9	102	...
Transportation services:									
Unit toll:									
Revenue departures	19,666	3,447	642	4,089	23,755	..	..	..	..
Revenue hours flown	25,634	3,437	442	3,879	29,513	384	1,279	31,176	225,716
Revenue miles scheduled	6,213,972	...	...	...	6,213,972	92,536	498,086	6,804,594	48,180,734
Revenue miles flown:									
Scheduled services	6,356,038(4)	...	...	...	6,356,038(4)	92,295	495,757	6,944,090(4)	49,033,365(4)
Non-scheduled services ...	388,072(4)	451,562	58,936	510,498	898,570(4)	-	-	898,570(4)	6,523,324(4)
Totals	6,744,110	451,562	58,936	510,498	7,254,608	92,295	495,757	7,842,660	55,556,689
Revenue passengers carried "	442,445	17,322	2,905	20,227	462,672	44,482	30,388	537,542	3,814,219
Revenue goods carried:									
Cargo	7,268,314	967,437	95,670	1,063,107	8,331,421	544,666	987,263	10,010,477	76,330,329
Excess baggage	104,505(5)	26,490	16,132	42,622	147,127(5)	105,952	134,930	3,174,370	27,016,195
Mail	2,849,736	76,991	6,761	83,752	2,933,488	650,618	1,122,193	13,184,847	103,346,524
Totals	10,222,555	1,070,918	118,563	1,189,481	11,412,036	2,311,168	25,667,752	392,599,292	2,516,899,982
Revenue passenger-miles No.	360,156,442	4,218,595	245,335	4,463,930	364,620,372				
Revenue goods ton-miles:									
Cargo	3,383,422	243,020	1,851	244,871	3,628,293	17,098	379,262	4,207,032	33,400,357
Excess baggage	170,469	11,041	869	11,910	182,379	2,240	57,719	1,234,588	10,092,801
Mail	1,149,635	24,483	511	24,994	1,174,629	19,338	436,981	5,441,620	43,493,158
Totals	4,703,526	278,544	3,231	281,775	4,985,301				
Bulk:									
Revenue - Departure	3,447	14,027	16,213	30,240	33,687	..	..	..	..
Hours flown	4,200	20,305	13,321	33,626	37,826	-	122	37,948	173,336
Miles flown	714,945	1,542,754	1,292,909	2,835,663	3,550,608	-	35,320	3,585,928	17,350,358
Passengers carried "	14,771	26,555	28,689	55,244	70,015	-	3,317	73,332	361,282
Freight carried .. lb.	1,512,132	10,895,515	3,193,682	14,089,197	15,601,329	-	-	15,601,329	79,963,154
Non-transportation services:									
Specialty flying:									
Revenue hours flown	10	3,054	7,846	10,900	10,910	-	-	10,910	60,763

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

August 1962

- 7 -

	Canadian carriers						Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
		Group III(1)	Group IV	Total							
Total - All services:											
Traffic, hours and miles: (6)											
Revenue:											
Departures	No.	23,113	17,474	16,855	34,329	57,442	..	1,401	..	80,034	459,815
Hours flown	"	29,844	26,796	21,609	48,405	78,249	384	531,077	..	11,428,588	72,907,047
Miles flown	"	7,459,055	1,994,316	1,351,845	3,346,161	10,805,216	92,295	531,077	..	610,874	4,175,501
Passengers carried	"	457,216	43,877	31,594	75,471	532,687	44,482	33,705	..	25,611,806(7)	156,293,483(7)
Cargo carried	lb.	8,780,446	11,862,952	3,289,352	15,152,304	23,932,750	544,666(7)	987,263(7)	..	28,786,176	183,309,678
Goods carried	"	11,734,687	11,966,433	3,312,245	15,278,678	27,013,365	650,618	1,122,193	..	..	..
Non-revenue:											
Hours flown	No.	431	908	688	1,596	2,027	2	17	..	2,046	17,526
Passengers carried	"	..	566	22	588	..	847	1,136	..	..	..
Goods carried	lb.	..	96,635	-	96,635	..	5,107	100,609	..	..	..
Passenger-miles	No.	20,120,234	307,369	790	308,159	20,428,393	75,971	798,878	..	21,303,242	120,705,963
Goods ton-miles	"	545,680	40,924	-	40,924	586,604	435	33,758	..	620,797	4,947,845
Fuel consumed:											
Turbo fuel - Quantity	gal.	16,540,212	40,220	-	40,220	16,580,432	227,194	3,238,352	..	20,045,978	137,551,754
Cost	\$	2,436,887	7,067	-	7,067	2,443,954	42,494	490,132	..	2,976,580	20,005,593
Gasoline - Quantity	gal.	971,680	1,079,299	328,309	1,407,608	2,379,288	44,975	277,644	..	2,701,907	16,301,527
Cost	\$	331,939	414,316	138,531	552,847	884,786	11,750	68,115	..	964,651	5,807,707
Oil consumed:											
Turbo aircraft - Quantity ..	gal.	6,848	-	-	-	6,848	11	125	..	6,984	36,493
Cost	\$	45,592	-	-	-	45,592	68	1,023	..	46,683	309,623
Other aircraft - Quantity ..	gal.	11,307	12,834	5,593	18,427	29,734	435	3,267	..	33,436	193,283
Cost	\$	11,986	19,917	7,947	27,864	39,850	338	2,297	..	42,485	236,072
Average number of employees:											
Flying personnel	No.	2,245	600	308	908	3,153	..	..	..	..	..
Other personnel	"	13,810	956	537	1,493	15,303	..	..	..	..	..
Totals	"	16,055	1,556	845	2,401	18,456	212	793	..	19,461	18,912
Salaries and wages paid:											
Flying personnel	\$	1,747,692	443,290	193,282	636,572	2,384,264	..	..	..	..	..
Other personnel	\$	6,243,933	422,579	205,211	627,790	6,871,723	..	..	..	..	..
Totals	\$	7,991,625	865,869	398,493	1,264,362	9,255,987	105,216	327,757	..	9,688,960	73,579,190

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

August 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	21,060,753	1,026,773	22,087,526	464,016	42,309	506,325	22,593,851	142,860,067
Express	318,507	51,262	369,769	12,597	1,122	13,719	383,488	2,756,765
Freight	716,927	181,739	898,666	127,152	6,102	133,254	1,031,920	7,994,301
Excess baggage	111,908	23,995	135,903	12,681	1,222	13,903	149,806	1,038,027
Mail	994,880	84,373	1,079,253	29,773	3,722	33,495	1,112,748	9,305,006
Total unit toll transportation ..	23,202,975	1,368,142	24,571,117	646,219	54,777	700,996	25,271,813	163,954,166
Bulk transportation	904,861	494,528	1,399,389	2,273,613	1,003,555	3,277,168	4,676,557	22,001,606
Total transportation	24,107,836	1,862,670	25,970,506	2,919,832	1,058,032	3,977,864	29,948,370	185,955,772
Other flying services	2,532	-	2,532	541,758	374,273	916,031	918,563	3,886,407
Total flying services	24,110,368	1,862,670	25,973,038	3,461,590	1,432,305	4,893,895	30,866,933	189,842,179
Non-flying services	359,303	42,498	401,801	97,307	124,117	221,424	623,225	4,123,516
Total operating revenues	24,469,671	1,905,168	26,374,839	3,558,897	1,556,422	5,115,319	31,490,158	193,965,695
Operating expenses:								
Flying operations	5,252,246	554,406	5,806,652	1,323,303	494,354	1,817,657	7,624,309	52,473,840
Maintenance	4,230,143	401,128	4,631,271	701,607	226,900	928,507	5,559,778	41,411,949
General services and administration:								
Passenger service	1,651,362	47,982	1,699,344	..	..	..	..	..
Aircraft and traffic servicing	2,873,969	196,184	3,070,153	..	..	..	..	..
Promotion and sales	3,299,195	101,603	3,400,798	..	..	..	..	..
General administration	829,390	109,611	939,001	..	..	..	..	..
Totals	8,653,916	455,360	9,109,276	402,030	162,866	564,896	9,674,192	71,790,059
Depreciation and amortization	2,107,282	128,541	2,235,823	213,199	118,929	332,128	2,567,951	20,103,773
Total operating expenses	20,243,587	1,539,455	21,783,042	2,640,139	1,003,049	3,643,188	25,426,230	185,779,521
Operating income (loss)	4,226,084	365,713	4,591,797	918,758	553,373	1,472,131	6,063,928	8,186,074
Non-operating income - Net:								
Capital gains and losses	-	286	286	298	987	689	975	Dr.
Interest and discounts	170,539	661	171,200	2,129	2,545	4,674	175,874	850,906
Miscellaneous non-operating income ..	Dr.	18,771	Dr.	796	3,334	2,538	49,768	Dr.
Income before interest expense	4,377,852	333,125	4,710,977	919,793	560,239	1,480,032	6,191,009	8,054,070
Interest expense	982,973	44,425	1,027,398	55,925	21,057	76,982	1,104,380	8,450,189
Income before income taxes	3,394,879	288,700	3,683,579	863,868	539,182	1,403,050	5,086,629	Dr.
Provision for income taxes	-	-	-	18,544	4,306	22,850	22,850	56,964
Net income after income taxes	3,394,879	288,700	3,683,579	845,324	534,876	1,380,200	5,063,779	Dr.
(1) Group II non-scheduled carriers included with Group III for purposes of this report.								

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

August 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,882,751	138,202	354,770	327,527	206,274	17,178,002	22,087,526	139,836,865
Express	20,483	-	9,158	38,273	3,831	298,024	369,769	2,628,864
Freight	193,843	74,387	70,232	-	37,120	523,084	898,666	7,192,888
Excess baggage	30,586	1,325	10,126	9,813	2,731	81,322	135,903	967,519
Mail	134,787	21,487	40,607	2,443	19,836	840,093	1,079,253	8,719,616
Total unit toll transportation ..	4,282,450	235,401	484,893	378,056	269,792	18,920,525	24,571,117	159,345,752
Bulk transportation	817,708	21,508	180,604	1,877	290,539	87,153	1,399,389	6,686,364
Total transportation	5,100,158	256,909	665,497	379,933	560,331	19,007,678	25,970,506	166,032,116
Other flying services	-	-	-	-	-	2,532	2,532	21,830
Total flying services	5,100,158	256,909	665,497	379,933	560,331	19,010,210	25,973,038	166,053,946
Non-flying services	93,735	7,901	29,585	2,191	2,821	285,568	401,801	2,323,961
Total operating revenues	5,193,893	264,810	695,082	382,124	563,152	19,275,778	26,374,839	168,377,907
Operating expenses:								
Flying operations	1,645,153	72,938	211,848	104,282	165,338	3,607,093	5,806,652	42,295,110
Maintenance	812,007	54,947	112,584	77,045	156,552	3,418,136	4,631,271	34,875,566
General services and administrations:								
Passenger service	397,316	10,385	14,798	6,407	16,392	1,254,046	1,699,344	12,171,984
Aircraft and traffic servicing	486,463	36,360	112,179	27,371	20,274	2,387,506	3,070,153	23,626,600
Promotion and sales	798,477	7,332	24,828	40,962	28,481	2,500,718	3,400,798	24,799,715
General administration	199,382	16,755	45,165	25,376	22,315	630,008	939,001	6,978,339
Totals	1,881,638	70,832	196,970	100,116	87,462	6,772,278	9,109,296	67,576,638
Depreciation and amortization	226,201	17,007	44,540	31,405	35,589	1,881,081	2,235,823	17,583,211
Total operating expenses	4,564,999	215,724	565,942	312,848	444,941	15,678,588	21,783,042	162,330,525
Operating income (loss)	628,894	49,086	129,140	69,276	118,211	3,597,190	4,591,797	6,047,382
Non-operating income - Net:								
Capital gains and losses	-	Dr.	414	Dr.	-	-	286	375,746
Interest and discounts	66,284	591	-	-	70	104,255	171,200	824,665
Miscellaneous non-operating income ..	7,083	54	32,869	Dr.	-	25,854	52,306	747,101
Income before interest expense	702,261	49,722	96,685	68,437	118,281	3,675,591	4,710,977	5,749,200
Interest expense	-	5,287	12,339	16,459	10,340	982,973	1,027,398	7,912,197
Income before income taxes	702,261	44,435	84,346	51,978	107,941	2,692,618	3,683,579	2,162,997
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	702,261	44,435	84,346	51,978	107,941	2,692,618	3,683,579	2,163,142

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company
August 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures	2,000	13,158	15,158	821	1,323	1,392	972	4,508	19,666
Revenue hours flown	3,610	17,637	21,247	809	1,375	1,067	1,136	4,387	25,634
Revenue miles scheduled	1,070,283	4,784,746	5,855,029	28,398	196,934	95,113	38,498	358,943	6,213,972
Revenue miles flown:									
Scheduled services - Regular	1,069,440	4,763,558	5,832,998	26,573	175,213	95,113	38,498	335,397	6,168,395
Extra section	17,392	147,909	165,301	4,432	14,997	-	2,913	22,342	187,643
Non-scheduled services	65,352	-	65,352	99,295	15,463	96,766	111,196	322,720	388,072
Totals	1,152,184	4,911,467	6,063,651	130,300	205,673	191,879	152,607	680,459	6,744,110
Ratio of regular miles flown to miles scheduled	99.9	99.6	...	93.6	89.0	100.0	100.0	...	...
Revenue passengers carried	41,772	362,883	404,655	6,642	14,793	10,621	5,734	37,790	442,445
Revenue goods carried:									
Express	85,466	852,730	938,196	-	26,867	192,919	20,304	240,090	1,178,286
Freight	511,330	3,895,318	4,406,648	915,051	519,991	49,135	248,338	1,683,380	6,090,028
Excess baggage .....	...	...	...	10,719	30,852	...	13,799	104,505	104,505(2)
Mail	176,446	2,334,584	2,511,030	118,509	138,663	21,650	59,884	338,706	2,849,736
Totals	773,242	7,082,632	7,855,874	1,044,279	716,373	263,704	342,325	2,366,681	10,222,555
Revenue passenger-miles:									
Scheduled services	67,195,864	279,944,392	347,140,256	486,782	4,114,291	1,947,516	537,908	7,086,497	354,226,753
Non-scheduled services	1,489,033	-	1,489,033	1,003,078	67,506	1,653,031	1,717,041	4,440,656	5,929,689
Totals	68,684,897	279,944,392	348,629,289	1,489,860	4,181,797	3,600,547	2,254,949	11,527,153	360,156,442
Available seat-miles on scheduled services	124,047,298	444,569,316	568,616,614	791,340	7,765,066	3,302,020	1,060,670	12,919,096	581,535,710
Passenger load factor on scheduled services	54.2	63.0	...	61.5	53.0	59.0	50.7	...	...
Revenue goods ton-miles:									
Express - Scheduled services	23,003	307,244	330,247	-	7,185	18,300	1,283	26,768	357,015
Non-scheduled services	1,244	-	1,244	-	-	11,154	4,397	15,551	16,795
Totals	24,247	307,244	331,491	-	7,185	29,454	5,680	42,319	373,810
Freight - Scheduled services	596,622	2,008,337	2,604,959	1,790	140,424	-	1,484	143,698	2,748,657
Non-scheduled services	1,804	-	1,804	220,941	1,059	-	37,151	259,151	260,955
Totals	598,426	2,008,337	2,606,763	222,731	141,483	-	38,635	402,849	3,009,612

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

August 1962

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	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)
Transportation services - Concluded:								
Unit toll - Concluded:								
Revenue goods ton-miles - Concluded:	34,977	115,747	150,724	246	5,576	4,664	772	11,258
Excess baggage - Scheduled services No. Non-scheduled services	88	-	88					
Totals	35,065	115,747	150,812	1,063	37	5,156	2,143	8,399
Mail - Scheduled services	82,508	971,845	1,054,353	1,309	5,613	9,820	2,915	19,657
Non-scheduled services	30,144	-	30,144	4,264	37,580	7,004	1,981	44,329
Totals	112,652	971,845	1,084,497	7,679	164	6,004	6,962	20,809
Total - Scheduled services	737,110	3,403,173	4,140,283	11,943	37,544	6,708	8,943	65,138
Non-scheduled services	33,280	-	33,280	6,300	190,565	23,668	5,520	226,053
Totals	770,390	3,403,173	4,173,563	229,683	1,260	22,314	50,653	303,910
Available ton-miles on scheduled services	16,298,022	59,275,466	75,573,488	235,983	191,825	45,982	56,173	529,963
Weight load factor on scheduled services(3)	45.8	53.0	...	57.7	56.1	66.5	55.0	...
Bulk:								
Revenue - Departures	151	36	187	81	2,576	4	599	3,260
Hours flown	878	79	957	119	2,086	9	1,029	3,243
Miles flown	282,912	24,316	307,228	19,071	220,221	1,379	167,046	407,717
Passengers carried	5,810	1,757	7,567	1,455	4,030	42	1,677	7,204
Freight carried	-	9,000	9,000	31,847	325,526	-	1,145,759	1,503,132
Non-transportation services:								
Specialty flying:								
Revenue hours flown	-	10	10	-	-	-	-	-
Total - All services:								
Traffic, hours and miles:(4)								
Revenue:								
Departures	2,151	13,194	15,345	902	3,899	1,396	1,571	7,768
Hours flown	4,488	17,726	22,214	928	3,461	1,076	2,165	7,630
Miles flown	1,435,096	4,935,783	6,370,879	149,371	425,894	193,258	319,653	1,088,176
Passengers carried	47,582	364,640	412,222	8,097	18,823	10,663	7,411	44,994
Cargo carried	596,796	4,757,048	5,353,844	946,898	872,384	192,919	1,414,401	3,426,602
Goods carried	773,242	7,091,632	7,864,874	1,076,126	1,041,899	263,704	1,488,084	3,869,813
See footnotes at end of table.								

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

August 1962

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	61	204	265	23	52	28	63	166	431
Passengers carried	1,450	..	..	188	253	164	199	804	..
Goods carried	138,640	..	..	14,102	41,073	..	23,679	78,854	..
Passenger-miles	2,226,720	17,560,906	19,787,626	40,293	93,306	52,604	146,405	332,608	20,120,234
Goods ton-miles	176,171	349,355	525,526	3,505	13,121	-	3,528	20,154	545,680
Fuel consumed:									
Turbo fuel - Quantity	3,412,122	13,020,518	16,432,640	1,752	-	105,820	-	107,572	16,540,212
Cost	\$ 588,035	\$ 1,812,682	\$ 2,400,717	\$ 335	-	\$ 35,835	-	\$ 36,170	\$ 2,436,887
Gasoline - Quantity	339,301	22,902	362,203	110,468	229,758	29,573	239,678	609,477	971,680
Cost	\$ 100,591	\$ 7,347	\$ 107,938	\$ 34,685	\$ 89,742	\$ 10,675	\$ 88,899	\$ 224,001	\$ 331,939
Oil consumed:									
Turbo aircraft - Quantity ..	452	4,262	4,714	-	-	2,134	-	2,134	6,848
Cost	\$ 3,871	\$ 41,045	\$ 44,916	-	-	\$ 676	-	\$ 676	\$ 45,592
Other aircraft - Quantity ..	3,903	358	4,261	1,457	2,829	204	2,556	7,046	11,307
Cost	\$ 3,482	\$ 311	\$ 3,793	\$ 1,666	\$ 3,556	\$ 435	\$ 2,556	\$ 8,193	\$ 11,986
Average number of employees:									
Flying personnel	413	1,597	2,010	33	91	45	66	235	2,245
Other personnel	2,141	10,624	12,765	165	370	252	258	1,045	13,810
Totals	2,554	12,221	14,775	198	461	297	324	1,280	16,055
Salaries and wages paid:									
Flying personnel	\$ 425,363	\$ 1,152,424	\$ 1,577,787	\$ 23,474	\$ 76,317	\$ 26,579	\$ 43,535	\$ 169,905	\$ 1,747,692
Other personnel	\$ 926,817	\$ 4,913,055	\$ 5,839,872	\$ 59,559	\$ 155,343	\$ 91,999	\$ 97,160	\$ 404,061	\$ 6,243,933
Totals	\$ 1,352,180	\$ 6,065,479	\$ 7,417,659	\$ 83,033	\$ 231,660	\$ 118,578	\$ 140,695	\$ 573,966	\$ 7,991,625

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

August 1962

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	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	34,395	6,079	14,153	10,621	4,905	298,468	368,621
Foreign interline	2,755	563	-	-	-	64,415	71,860
Totals(2)	41,277	6,642	14,153	10,621	4,905	362,883	440,481
Revenue express carried:							
Originated	lb.						
Domestic interline	85,466	-	26,867	192,919	20,304	852,730	1,178,286
Foreign interline	-	-	-	-	-	-	-
Totals(2)	85,466	-	26,867	192,919	20,304	852,730	1,178,286
Revenue freight carried:							
Originated	lb.						
Domestic interline	391,382	673,634	501,180	-	65,724	3,895,318	5,527,238
Foreign interline	16,434	-	-	-	-	-	16,434
Totals(2)	57,078	-	-	-	-	-	57,078
Revenue excess baggage carried:							
Originated	lb.						
Domestic interline	-	10,719	30,275	49,135	11,323	-	101,452(3)
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	10,719	30,275	49,135	11,323	-	101,452(3)
Revenue mail carried:							
Originated	lb.						
Domestic interline	176,446	118,509	134,006	21,650	20,698	2,334,584	2,805,893
Foreign interline	-	-	-	-	-	-	-
Totals(2)	176,446	118,509	134,006	21,650	20,698	2,334,584	2,805,893

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service
August 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 2,579	591	286	73	3,529	12,601	16,130
Revenue hours flown	" 3,712	2,408	820	469	7,409	14,974	22,383
Revenue miles scheduled	" 738,818	1,100,056	315,102	206,018	2,359,994	3,533,533	5,893,527
Revenue miles flown:							
Scheduled services - Regular	" 734,464	1,100,056	315,102	206,018	2,355,640	3,515,856	5,871,496
Extra sections	" 66,615	12,737	-	-	79,352	88,862	168,214
Non-scheduled services	" -	-	-	-	-	176,548	176,548
Totals	" 801,079	1,112,793	315,102	206,018	2,434,992	3,781,266	6,216,258
Ratio of regular miles flown to miles scheduled	99.4	100.0	100.0	100.0	99.8	99.5	99.6
Revenue passengers carried	No. ...	...	...	...	144,723	265,666	410,389
Revenue cargo carried	lb. ...	...	...	...	2,329,224	3,284,262	5,613,486
Revenue mail carried .....	" ...	...	...	...	338,551	2,232,363	2,570,914
Revenue passenger-miles	No. 37,638,232	77,425,575	17,387,702	11,062,728	143,514,237	207,370,001	350,884,238
Available seat-miles on scheduled services	" 54,818,480	145,189,639	38,405,712	25,693,041	264,106,872	305,570,412	569,677,284
Passenger load factor on scheduled services ...							
Revenue goods ton-miles:	68.7	53.3	45.3	43.1	54.3	67.9	61.6
Express	No. 50,893	-	-	-	50,893	286,278	337,171
Freight	" 243,255	538,129	115,388	247,147	1,143,919	1,501,479	2,645,398
Excess baggage	" 14,189	24,947	17,332	7,648	89,611	847,418	153,727
Mail	" 39,999	133,753	31,889	40,381	246,022	847,418	1,093,440
Totals	" 348,336	696,829	164,609	295,176	1,504,950	2,724,786	4,229,736
Available ton-miles on scheduled services	" 6,720,729	19,999,140	4,875,941	3,429,541	35,025,351	40,656,060	75,681,411
Weight load factor on scheduled services(1) ...	61.2	42.2	39.0	40.9	45.3	57.5	51.8

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

August 1962

	Month		Year to date	
	Revenue	Revenue	Revenue	Revenue
	hours	earned	earned	earned
No.	No.	\$	No.	\$
Flying training	3,586	58,339	23,847	411,235
Recreational flying	1,170	28,540	7,581	156,436
Aerial photography and survey	1,116	206,057	4,705	745,672
Aerial photography (excluding survey)	68	2,923	857	47,138
Aerial pest control	862	112,216	4,091	605,696
Aerial advertising	11	415	64	4,883
Aerial patrol and inspection	2,259	217,043	10,228	896,546
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	2	158
Geophysical survey	1,136	121,869	7,127	686,071
Non-transportation charter	251	17,700	700	97,949
Other specialty flying	451	112,265	1,561	267,680
Total specialty flying	10,910	877,367	60,763	3,919,464

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

August 1962

	Month	Year to date
Revenue hours flown	10,276	38,366
Average number of aircraft	"	118
Average number of employees:		
Flying personnel	243	216
Other personnel	134	135
Totals	377	351
Salaries and wages paid:		
Flying personnel	173,724	1,094,719
Other personnel	83,611	606,985
Totals	257,335	1,701,704
Operating revenues:		
Bulk transportation	896,998	4,014,025
Other flying services	153,701	483,479
Non-flying services	14,617	371,673
Totals	1,065,316	4,869,177
Operating expenses:		
Flying operations	373,191	1,864,724
Maintenance	186,955	1,392,051
General services and administration ..	27,246	473,653
Depreciation and amortization	99,426	750,462
Totals	686,818	4,480,890
Operating income (loss)	378,498	388,287
Net income (deficit) after income taxes \$	357,145	291,106

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

August 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	80,046	79,587	159,633	15,514	31,584	47,098
Bulk transportation "	187	237	424	2,831	6,252	9,083
Totals "	80,233	79,824	160,057	18,345	37,836	56,181
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	482,591	1,830,050	2,312,641	386,439	896,862	1,283,301
Bulk transportation "	-	-	-	-	-	-
Totals "	482,591	1,830,050	2,312,641	386,439	896,862	1,283,301
Mail carried (unit toll transportation) "	124,188	215,756	339,944	91,741	112,389	204,130
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,863	5,387	9,250	99,423	116,558	215,981
Bulk transportation "	-	88	88	3,018	6,577	9,595
Totals "	3,863	5,475	9,338	102,441	123,135	225,576
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	106,115	73,576	179,691	975,145	2,800,488	3,775,633
Bulk transportation "	-	-	-	-	-	-
Totals "	106,115	73,576	179,691	975,145	2,800,488	3,775,633
Mail carried (unit toll transportation)	6,712	9,283	15,995	222,641	337,428	560,069

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(1) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(11) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd., and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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Statistics

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CIVIL AVIATION.

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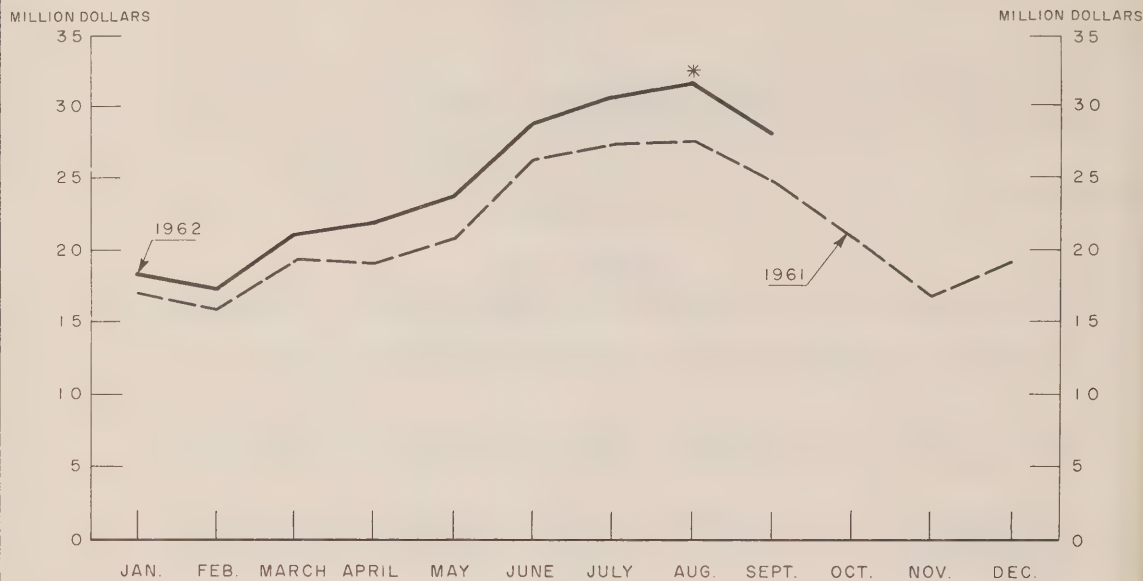
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS

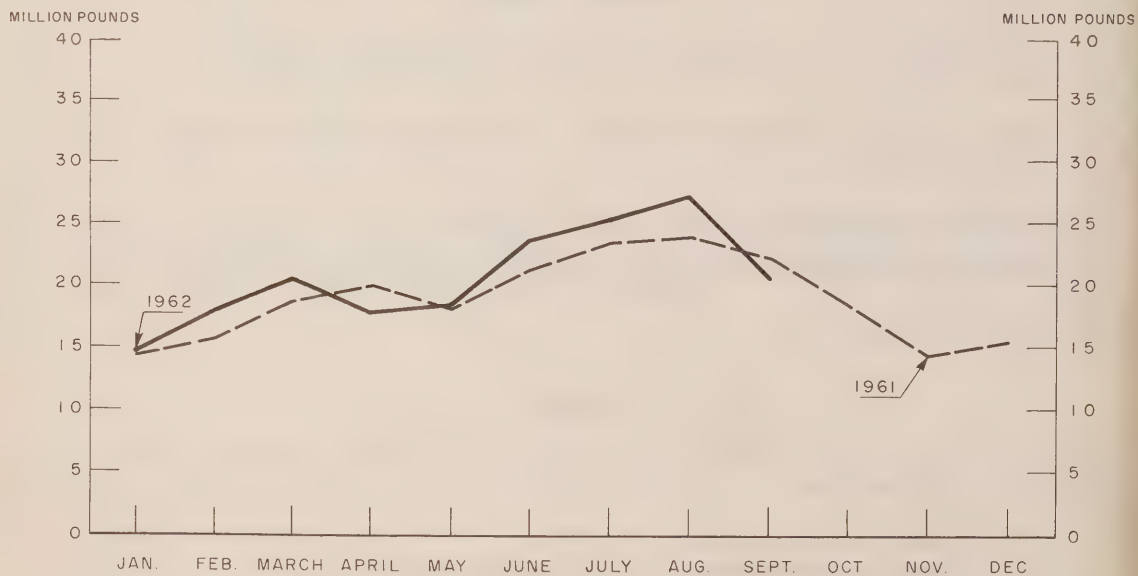
1961-1962



* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Review of September operations

During the month of September, 1962, Canadian air carriers transported more revenue passengers but less revenue goods than in September of the previous year. Passengers carried were up 4 per cent to 493,355 from 474,316 while the volume of goods flown dropped 6.9 per cent to 20,507,080 lbs. from 2,018,418 lbs. Revenue miles flown rose 3.3 per cent to 9,286,640 from 8,989,255. Operating revenues rose 12.4 per cent to \$27,930,389 from \$24,851,965, but operating expenses increased only 2.6 per cent to \$23,813,281 from \$23,205,931. As a result the operating income for the month more than doubled, rising to \$4,117,108 from \$1,646,034 in September, 1961. The net income, after provision for income taxes and other charges, increased sharply to \$3,190,740 from \$663,736 in September of the previous year.

For the first nine months of 1962, the volume of revenue traffic handled rose substantially over the corresponding period of 1961. The number of passengers transported rose 10.1 per cent to 4,114,575 from 3,738,779 and the volume of goods flown increased 8.9 per cent to 191,615,070 lbs. from 175,974,691 lbs. During the same period both operating revenues and expenses were higher. Revenues rose 12 per cent to \$221,993,207 from \$198,152,198 and expenses advanced 7 per cent to 209,637,278 from \$195,976,815.

In September, the six scheduled carriers transported 433,797 revenue passengers or 87.9 per cent of the total number carried and 11,059,741 lbs. of revenue goods or 53.9 per cent of the total. In September 1961, 88.5 per cent of the revenue passengers and 51 per cent of the revenue goods are transported by scheduled carriers. These same carriers also accounted for 87.4 of the total operating revenues reported by Canadians carriers and 87.2 per cent of all operating expenses. Corresponding figures for the previous September are 85 per cent and 86.3 per cent respectively.

Tables 10 and 11 cover the operations of the Group V carriers for the third quarter of 1962. The 208 carriers reporting operations for this quarter transported 53,522 revenue passengers and 511,083 lbs. of revenue goods.

Foreign carriers licensed to operate in Canada transported 69,707 revenue passengers compared with 79,967 in September, 1961, a decrease of 12.8 per cent. In contrast, the volume of revenue goods carried rose 17.8 per cent during the month to 1,891,760 lbs. from 1,606,552 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services
September 1962

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year total to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	21	57	78		84	9	9	102	...
Transportation services:										
Unit toll:										
Revenue departures No.	17,872	2,491	672	3,163		21,035	..	..	..	..
Revenue hours flown	23,465	2,717	548	3,265		26,730	331	1,090	28,151	253,948
Revenue miles scheduled	5,782,962	...	...	...		5,782,962	81,140	428,478	6,292,580	54,473,314
Revenue miles flown:										
Scheduled services	5,896,594(4)	...	...	...		5,896,594(4)	78,766	426,052	6,401,412(4)	55,434,777(4)
Non-scheduled services ...	332,479(4)	348,415	70,065	418,480		750,959(4)	-	-	750,959(4)	7,285,451(4)
Totals	6,229,073	348,415	70,065	418,480		6,647,553	78,766	426,052	7,152,371	62,720,228
Revenue passengers carried "	423,116	13,233	2,731	15,964		439,080	46,412	22,351	507,843	4,322,542
Revenue goods carried:										
Cargo	6,641,301	614,652	157,160	771,812		7,413,113	587,458	1,058,935	9,203,539	85,548,266
Excess baggage	97,162(5)	31,347	15,524	46,871		144,033(5)	113,716	131,651	3,038,911	30,081,762
Mail	2,721,691	77,903	13,950	91,853		2,813,344	701,174	1,190,586	12,262,450	115,630,028
Totals	9,460,154	723,902	186,634	910,536		10,370,690	1,971,852	18,090,704	353,420,905	2,870,365,964
Revenue passenger-miles No.	329,835,870	3,286,754	235,725	3,522,479		333,358,349	14,109	389,855	4,165,877	37,566,846
Revenue goods ton-miles:										
Cargo	3,374,737	148,174	6,653	154,827		3,529,564	2,144	443,081	5,375,321	48,869,337
Excess baggage	218,422	13,124	803	13,927		232,349	16,253	53,226	1,209,444	11,302,491
Mail	1,129,597	23,672	805	24,477		1,154,074	-	-	-	-
Totals	4,722,756	184,970	8,261	193,231		4,915,987	-	-	-	-
Bulk:										
Revenue - Departure	2,590	10,454	12,344	22,798		25,388	..	..	..	..
Hours flown	3,305	12,649	9,641	22,290		25,595	1	35	25,631	199,515
Miles flown	568,000	1,094,091	976,996	2,071,087		2,639,087	194	10,380	2,649,661	20,060,274
Passengers carried ..	10,681	20,941	22,653	43,594		54,275	10	934	55,219	417,168
Freight carried .. lb.	1,599,587	5,738,895	2,797,908	8,536,803		10,136,390	-	-	10,136,390	90,230,963
Non-transportation services:										
Specialty flying:										
Revenue hours flown	No. 10	1,876	5,102	6,978		6,988	-	-	6,988	67,754

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

September 1962

- 7 -

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	No.	20,462	12,945	13,016	25,961	46,423	..	..	60,770	..
Hours flown	"	26,780	17,242	15,291	32,533	59,313	332	1,125	9,802,032	521,217
Miles flown	"	6,797,073	1,442,506	1,047,061	2,489,567	9,286,640	78,960	436,432	9,802,032	82,780,502
Passengers carried	"	433,797	34,174	25,384	59,558	493,355	46,422	23,285	563,062	4,739,710
Cargo carried	lb.	8,240,888	6,353,547	2,955,068	9,308,615	17,549,503	587,458(7)	1,058,935(7)	19,339,929(7)	175,779,229(7)
Goods carried	"	11,059,741	6,462,797	2,984,542	9,447,339	20,507,080	701,174	1,190,586	22,398,840	205,860,991
Non-revenue:										
Hours flown	No.	446	705	516	1,221	1,667	-	2	1,669	19,195
Passengers carried	"	..	468	32	500	..	776	1,128	..	..
Goods carried	lb.	..	33,555	-	33,555	..	9,292	68,300	..	..
Passenger-miles	No.	16,615,987	229,790	3,688	233,478	16,849,465	35,572	913,406	17,798,443	138,504,406
Goods ton-miles	"	434,472	15,186	-	15,186	449,658	1,384	25,069	476,111	5,423,956
Fuel consumed:										
Turbo fuel - Quantity	gal.	15,522,274	568	-	568	15,522,842	862,876	2,815,620	19,201,338	156,753,092
Cost	\$	2,234,050	379	-	379	2,234,429	115,039	430,774	2,780,242	22,785,835
Gasoline - Quantity	gal.	842,602	741,847	261,635	1,003,482	1,846,084	35,083	223,881	2,105,048	18,420,150
Cost	\$	283,231	282,169	109,683	391,852	675,083	10,247	50,738	736,068	6,550,465
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	4,074	-	-	-	4,074	21	126	4,221	40,714
Cost	\$	37,852	-	-	-	37,852	122	1,012	38,986	348,609
Other aircraft - Quantity ..	gal.	11,910	8,552	3,866	12,418	24,328	267	2,679	27,274	220,735
Cost	\$	12,014	13,152	5,520	18,672	30,686	216	2,028	32,930	269,311
Average number of employees:										
Flying personnel	No.	2,204	511	281	792	2,996	..	..	..	..
Other personnel	"	13,589	867	515	1,382	14,971	..	..	..	..
Totals	"	15,793	1,378	796	2,174	17,967	229	782	18,978	18,922
Salaries and wages paid:										
Flying personnel	\$	1,658,624	382,312	150,117	532,429	2,191,053	..	..	..	..
Other personnel	\$	6,274,442	393,079	205,620	598,699	6,873,141	..	..	..	..
Totals	\$	7,933,066	775,391	355,737	1,131,128	9,064,194	108,264	356,443	9,528,901	83,121,306

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

September 1962

	Scheduled carriers			Non-scheduled carriers			Grand Total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers	19,660,571	820,263	20,480,834	390,560	43,366	433,926	20,914,760	163,783,333
Express	356,342	48,966	405,308	12,355	6,854	19,209	424,517	3,182,081
Freight	740,756	137,863	878,619	83,127	5,313	88,440	967,059	8,961,360
Excess baggage	100,460	21,754	122,214	15,361	1,197	16,558	138,772	1,177,146
Mail	1,007,263	80,207	1,087,470	30,277	3,482	33,759	1,121,229	10,426,840
Total unit toll transportation ..	21,865,392	1,109,053	22,974,445	531,680	60,212	591,892	23,566,337	187,530,760
Bulk transportation	572,183	470,141	1,042,324	1,647,105	721,005	2,368,110	3,410,434	25,452,505
Total transportation	22,437,575	1,579,194	24,016,769	2,117,785	781,217	2,960,002	26,976,771	212,983,265
Other flying services	2,358	-	2,358	270,522	133,363	403,885	406,243	4,292,851
Total flying services	22,439,933	1,579,194	24,019,127	2,449,307	914,580	3,363,887	27,383,014	217,276,116
Non-flying services	346,841	35,482	382,323	35,849	129,203	165,052	547,375	4,717,091
Total operating revenues	22,786,774	1,614,676	24,401,450	2,485,156	1,043,783	3,528,939	27,930,389	221,993,207
Operating expenses:								
Flying operations	4,963,733	519,873	5,483,606	878,830	393,354	1,272,184	6,755,790	59,246,949
Maintenance	3,733,981	376,433	4,110,414	673,937	257,982	931,919	5,042,333	46,463,822
General services and administration:								
Passenger service	1,543,846	42,901	1,586,747	..	..	..	..	..
Aircraft and traffic servicing	2,851,610	201,966	3,053,576	..	..	..	..	..
Promotion and sales	3,228,691	98,427	3,327,118	..	..	..	..	..
General administration	829,958	91,244	921,202	..	..	..	..	..
Totals	8,454,105	434,538	8,888,643	371,580	163,554	535,134	9,423,777	81,218,881
Depreciation and amortization	2,089,526	199,516	2,289,042	184,697	117,642	302,339	2,591,381	22,707,626
Total operating expenses	19,241,345	1,530,360	20,771,705	2,109,044	932,532	3,041,576	23,813,281	209,637,278
Operating income (loss)	3,545,429	84,316	3,629,745	376,112	111,251	487,363	4,117,108	12,355,929
Non-operating income - Net:								
Capital gains and losses	-	19,966	19,966	Dr.	150	11,337	31,303	Dr. 142,580
Interest and discounts	162,283	143	162,426	6,423	383	6,040	168,466	1,019,372
Miscellaneous non-operating income ..	13,858	186	13,672	Dr. 33,467	519	32,948	Dr. 19,276	Dr. 828,303
Income before interest expense	3,721,570	104,239	3,825,809	348,918	122,874	471,792	4,297,601	12,404,418
Interest expense	978,461	42,648	1,021,109	37,884	22,759	60,643	1,081,752	9,532,269
Income before income taxes	2,743,109	61,591	2,804,700	311,034	100,115	411,149	3,215,849	2,872,149
Provision for income taxes	-	-	-	18,496	6,613	25,109	25,109	82,073
Net income after income taxes	2,743,109	61,591	2,804,700	292,538	93,502	386,040	3,190,740	2,790,076

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

September 1962

- 9 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,887,121	101,037	258,520	278,004	182,702	15,773,450	20,480,834	160,317,699
Express	17,010	-	11,381	35,198	2,387	339,332	405,308	3,034,172
Freight	183,143	67,674	42,802	-	27,387	557,613	878,619	8,071,507
Excess baggage	36,453	1,155	9,827	8,376	2,396	64,007	122,214	1,089,733
Mail	170,041	19,283	40,593	2,319	18,012	837,222	1,087,470	9,807,086
Total unit toll transportation ..	4,293,768	189,149	363,123	323,897	232,884	17,571,624	22,974,445	182,320,197
Bulk transportation	402,511	14,016	159,142	2,356	294,627	169,672	1,042,324	7,728,688
Total transportation	4,696,279	203,165	522,265	326,253	527,511	17,741,296	24,016,769	190,048,885
Other flying services	-	-	-	-	-	2,358	2,358	24,188
Total flying services	4,696,279	203,165	522,265	326,253	527,511	17,743,654	24,019,127	190,073,073
Non-flying services	90,589	4,172	26,885	1,726	2,699	256,252	382,323	2,706,284
Total operating revenues	4,786,868	207,337	549,150	327,979	530,210	17,999,906	24,401,450	192,779,357
Operating expenses:								
Flying operations	1,549,055	74,325	184,509	96,235	164,804	3,414,678	5,483,606	47,778,716
Maintenance	752,346	45,820	106,692	76,095	147,826	2,981,635	4,110,414	38,985,980
General services and administrations:								
Passenger service	393,331	5,644	15,215	5,402	16,640	1,150,515	1,586,747	13,758,731
Aircraft and traffic servicing	500,398	35,458	117,622	27,402	21,484	2,351,212	3,053,576	26,680,176
Promotion and sales	790,418	5,061	18,426	50,036	24,904	2,438,273	3,327,118	28,126,833
General administration	166,368	15,799	34,895	20,161	20,389	663,590	921,202	7,899,541
Totals	1,850,515	61,962	186,158	103,001	83,417	6,603,590	8,888,643	76,465,281
Depreciation and amortization	225,802	89,111	43,016	31,785	35,604	1,863,724	2,289,042	19,872,253
Total operating expenses	4,377,718	271,218	520,375	307,116	431,651	14,863,627	20,771,705	183,102,230
Operating income (loss)	409,150	Dr.	28,775	20,863	98,559	3,136,279	3,629,745	9,677,127
Non-operating income - Net:								
Capital gains and losses	-	22,899	Dr.	-	Dr.	-	19,966	Dr.
Interest and discounts	51,313	-	2,720	88	55	110,970	162,426	987,091
Miscellaneous non-operating income ..	8,174	48	Dr.	93	-	5,684	13,672	Dr.
Income before interest expense	468,637	Dr.	25,914	20,858	98,401	3,252,933	3,825,809	9,575,009
Interest expense	-	6,684	11,966	13,914	10,084	978,461	1,021,109	8,933,306
Income before income taxes	468,637	Dr.	13,948	6,944	88,317	2,274,472	2,804,700	641,703
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	468,637	Dr.	13,948	6,944	88,317	2,274,472	2,804,700	641,558

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company
September 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures	1,804	12,238	14,042	691	1,108	1,164	867	3,830	17,872
Revenue hours flown	3,339	16,318	19,657	677	1,157	932	1,042	3,808	23,465
Revenue miles scheduled	1,049,522	4,442,689	5,492,211	25,090	148,368	81,075	36,218	290,751	5,782,962
Revenue miles flown:									
Scheduled services - Regular	1,035,486	4,398,642	5,434,128	24,656	139,796	80,772	34,829	280,053	5,714,181
Extra section	12,240	151,468	163,708	1,424	13,824	1,177	2,280	18,705	182,413
Non-scheduled services	52,476	-	52,476	82,038	16,252	81,034	100,679	280,003	332,479
Totals	1,100,202	4,550,110	5,650,312	108,118	169,872	162,983	137,788	578,761	6,229,073
Ratio of regular miles flown to miles scheduled	98.7	99.0	...	98.3	94.2	99.6	96.2	...	...
Revenue passengers carried	40,248	352,151	392,399	4,852	11,236	9,466	5,163	30,717	423,116
Revenue goods carried:									
Express	73,274	934,220	1,007,494	-	27,859	172,008	15,050	214,917	1,222,411
Freight	535,960	3,471,616	4,007,576	708,418	513,564	-	189,332	1,411,314	5,418,890
Excess baggage .....	..	..	..	11,373	29,176	43,633	12,980	97,162	97,162(2)
Mail	172,510	2,223,323	2,395,833	103,045	149,194	20,744	52,875	325,858	2,721,691
Totals	781,744	6,629,159	7,410,903	822,836	719,793	236,385	270,237	2,049,251	9,460,154
Revenue passenger-miles:									
Scheduled services	65,832,090	253,394,927	319,227,017	359,980	3,082,595	1,732,432	492,337	5,667,344	324,894,361
Non-scheduled services	1,245,617	-	1,245,617	714,605	50,273	1,421,389	1,509,625	3,695,892	4,941,509
Totals	67,077,707	253,394,927	320,472,634	1,074,585	3,132,868	3,153,821	2,001,962	9,363,236	329,835,870
Available seat-miles on scheduled services	122,052,114	412,517,574	534,569,688	819,756	6,095,796	2,880,772	890,684	10,687,008	545,256,696
Passenger load factor on scheduled services	53.9	61.4	...	43.9	50.6	60.1	55.3	...	...
Revenue goods ton-miles:									
Express - Scheduled services	19,634	349,823	369,457	-	7,124	12,884	1,061	21,069	390,526
Non-scheduled services	950	-	950	-	-	11,043	2,758	13,801	14,751
Totals	20,584	349,823	370,407	-	7,124	23,927	3,819	34,870	405,277
Freight - Scheduled services	527,979	2,110,984	2,638,963	2,013	128,839	-	1,390	132,242	2,771,205
Non-scheduled services	1,644	-	1,644	167,349	1,623	-	27,639	196,611	198,255
Totals	529,623	2,110,984	2,640,607	169,362	130,462	-	29,029	328,853	2,969,460

See footnotes at end of table.

September 1962

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	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	
Transportation services - Concluded:								
Unit toll - Concluded:								
Revenue goods ton-miles - Concluded:								
Excess baggage - Scheduled services No.	39,766	160,660	200,426	280	5,334	3,823	937	210,800
Non-scheduled services	96	-	96	1,113	37	4,705	1,671	7,526
Totals	39,862	160,660	200,522	1,393	5,371	8,528	2,608	218,422
Mail - Scheduled services	113,969	953,314	1,067,283	3,555	38,245	1,770	1,684	1,112,517
Non-scheduled services	4,018	-	4,018	3,263	240	3,478	6,081	17,080
Totals	117,987	953,314	1,071,301	6,798	38,485	5,248	7,765	1,129,597
Total - Scheduled services	701,348	3,574,781	4,276,129	5,828	179,542	18,477	5,072	4,485,048
Non-scheduled services	6,708	-	6,708	171,725	1,900	19,226	38,149	237,708
Totals	708,056	3,574,781	4,282,837	177,553	181,442	37,703	43,221	4,722,756
Available ton-miles on scheduled services	15,832,685	55,007,809	70,840,494	89,434	836,250	270,420	96,700	72,133,298
Weight load factor on scheduled services(3)	46.0	52.6	...	46.8	58.3	70.9	56.2	...
Bulk:								
Revenue - Departures	75	73	148	67	1,737	5	633	2,590
Hours flown	539	172	711	91	1,406	7	1,090	3,305
Miles flown	180,894	53,285	234,179	14,061	146,266	1,170	172,324	568,000
Passengers carried	2,989	2,227	5,216	753	2,670	18	2,024	10,681
Freight carried lb.	-	-	-	37,262	229,516	-	1,332,809	1,599,587
Non-transportation services:								
Specialty flying:								
Revenue hours flown	-	10	10	-	-	-	-	10
Total - All services:								
Traffic, hours and miles:(4)								
Revenue:								
Departures	1,879	12,311	14,190	758	2,845	1,169	1,500	20,462
Hours flown	3,878	16,500	20,378	768	2,563	939	2,132	26,780
Miles flown	1,281,096	4,603,395	5,884,491	122,178	316,138	164,153	310,112	6,797,073
Passengers carried	43,237	354,378	397,615	3,605	13,906	9,484	7,187	433,797
Cargo carried	609,234	4,405,830	5,015,070	745,860	770,939	172,008	1,537,191	8,240,888
Goods carried	781,744	6,629,159	7,410,903	860,098	949,309	236,385	1,603,046	11,059,741

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
September 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	90	181	271	32	71	34	38	175	446
Passengers carried	1,442	..	..	184	169	151	85	589	..
Goods carried	112,025	..	..	21,135	52,181	-	17,595	90,911	..
Passenger-miles	2,516,956	13,913,689	16,430,645	33,232	60,877	44,118	47,115	185,342	16,615,987
Goods ton-miles	146,645	261,849	408,494	4,924	18,229	-	2,825	25,978	434,472
Fuel consumed:									
Turbo fuel - Quantity	3,181,303	12,174,033	15,355,336	19,019	-	147,919	-	166,938	15,522,274
Cost	544,516	1,655,751	2,200,267	3,634	-	30,149	-	33,783	2,234,050
Gasoline - Quantity	300,588	22,682	323,270	94,663	170,425	25,208	229,036	519,332	842,602
Cost	83,149	7,309	90,458	29,800	69,470	7,718	85,785	192,773	283,231
Oil consumed:									
Turbo aircraft - Quantity ..	508	3,391	3,899	-	-	175	-	175	4,074
Cost	3,890	33,369	37,259	-	-	593	-	593	37,852
Other aircraft - Quantity ..	3,483	294	3,777	1,134	2,116	291	4,592	8,133	11,910
Cost	3,078	251	3,329	1,210	2,645	238	4,592	8,685	12,014
Average number of employees:									
Flying personnel	414	1,566	1,980	32	86	40	66	224	2,204
Other personnel	2,116	10,492	12,608	142	343	249	247	981	13,589
Totals	2,530	12,058	14,588	174	429	289	313	1,205	15,793
Salaries and wages paid:									
Flying personnel	351,470	1,142,799	1,494,269	23,178	71,589	26,637	42,951	164,355	1,658,624
Other personnel	927,387	4,953,373	5,880,760	50,798	157,095	93,771	92,018	393,682	6,274,442
Totals	1,278,857	6,096,172	7,375,029	73,976	228,684	120,408	134,969	558,037	7,933,066

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	32,965	4,367	10,765	9,466	4,501	293,092	355,156
Domestic interline	3,176	485	-	-	-	59,059	66,366
Foreign interline	3,646	-	-	-	-	-	-
Totals(2)	39,787	4,852	10,765	9,466	4,501	352,151	421,522
Revenue express carried:							
Originated	73,274	-	27,859	172,008	15,050	934,220	1,222,411
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	73,274	-	27,859	172,008	15,050	934,220	1,222,411
Revenue freight carried:							
Originated	427,125	549,798	489,442	-	59,524	3,471,616	4,997,505
Domestic interline	17,610	-	-	-	-	-	17,610
Foreign interline	55,089	-	-	-	-	-	55,089
Totals(2)	499,824	549,798	489,442	-	59,524	3,471,616	5,070,204
Revenue excess baggage carried:							
Originated	-	11,373	28,531	43,633	12,285	-	95,822(3)
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	11,373	28,531	43,633	12,285	-	95,822(3)
Revenue mail carried:							
Originated	172,510	103,045	146,878	20,744	19,314	2,223,323	2,685,814
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	172,510	103,045	146,878	20,744	19,314	2,223,323	2,685,814

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service
September 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	2,363	563	280	75	3,281	11,628	14,909
Revenue hours flown	3,410	2,254	805	470	6,939	13,808	20,747
Revenue miles scheduled	673,478	1,034,747	313,958	208,226	2,230,409	3,298,020	5,528,429
Revenue miles flown:							
Scheduled services - Regular	668,584	1,018,190	308,960	202,692	2,198,426	3,270,531	5,468,957
Extra sections	68,558	20,415	-	-	88,973	77,015	165,988
Non-scheduled services	-	-	-	-	-	153,155	153,155
Totals	737,142	1,038,605	308,960	202,692	2,287,399	3,500,701	5,788,100
Ratio of regular miles flown to miles scheduled	99.3	98.4	98.4	97.3	98.6	99.2	98.9
Revenue passengers carried .....	...	...	...	...	129,944	267,618	397,562
Revenue cargo carried .....	...	...	...	...	2,045,839	3,173,613	5,219,452
Revenue mail carried .....	...	...	...	...	311,757	2,136,951	2,448,708
Revenue passenger-miles	34,628,298	65,365,292	16,310,776	11,825,342	128,129,708	194,344,888	322,474,596
Available seat-miles on scheduled services	50,400,805	135,642,311	37,510,804	25,198,224	248,752,144	286,708,228	535,460,372
Passenger load factor on scheduled services ...	68.7	48.2	43.5	46.9	51.5	66.8	59.7
Revenue goods ton-miles:							
Express	61,085	-	-	-	61,085	313,141	374,226
Freight	240,068	537,793	141,242	194,398	1,113,501	1,556,155	2,669,656
Excess baggage	20,732	26,729	19,748	10,011	77,220	125,910	203,130
Mail	35,322	138,394	34,400	44,659	252,775	826,291	1,079,066
Totals	357,207	702,916	195,390	249,068	1,504,581	2,821,477	4,326,058
Available ton-miles on scheduled services	6,153,677	18,501,836	4,826,067	3,281,484	32,763,064	38,174,130	70,937,194
Weight load factor on scheduled services(1) ...	62.1	39.1	37.8	43.6	43.7	57.5	51.1

(1) Standard passenger weight used: 200 pounds

September 1962

September 1962

	Month		Year to date	
	Revenue hours No.	Revenue earned \$	Revenue hours No.	Revenue earned \$
Flying training	3,015	49,751	26,862	460,986
Recreational flying	1,022	23,364	8,604	179,845
Aerial photography and survey	347	113,131	5,052	858,803
Aerial photography (excluding survey)	37	920	894	48,058
Aerial pest control	162	Dr. 8,581	4,253	597,115
Aerial advertising	23	6,435	87	11,318
Aerial patrol and inspection	1,333	106,758	11,563	1,003,460
Philanthropic	-	-	-	-
Aerial fish cultivation	1	72	3	230
Geophysical survey	949	101,796	8,076	787,867
Non-transportation charter	43	7,900	743	105,849
Other specialty flying	56	4,116	1,617	271,796
Total specialty flying	6,988	405,662	67,754	4,325,327

	Month (1)	Year to date
Revenue hours flown	5,310	43,676
Average number of aircraft	100	116
Average number of employees:		
Flying personnel	172	211
Other personnel	111	132
Totals	283	343
Salaries and wages paid:		
Flying personnel	135,146	1,229,865
Other personnel	69,600	676,585
Totals	204,746	1,906,450
Operating revenues:		
Bulk transportation	706,552	4,720,577
Other flying services	62,902	546,381
Non-flying services	27,498	399,171
Totals	796,952	5,666,129
Operating expenses:		
Flying operations	186,000	2,050,724
Maintenance	204,544	1,596,595
General services and administration	52,070	525,723
Depreciation and amortization	80,611	831,073
Totals	523,225	5,004,115
Operating income (loss)	273,727	662,014
Net income (deficit) after income taxes \$	256,381	547,487

(1) Excludes one carrier operating 17 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

September 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	78,015	72,909	150,924	13,654	22,257	35,911
Bulk transportation "	503	510	1,013	1,337	2,847	4,184
Totals "	78,518	73,419	151,937	14,991	25,104	40,095
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	388,290	1,799,483	2,187,773	300,602	936,969	1,237,571
Bulk transportation "	-	-	-	-	-	-
Totals "	388,290	1,799,483	2,187,773	300,602	936,969	1,237,571
Mail carried (unit toll transportation) "	112,870	203,929	316,799	90,587	112,957	203,544
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,775	4,653	8,428	95,444	99,819	195,263
Bulk transportation "	-	-	-	1,840	3,357	5,197
Totals "	3,775	4,653	8,428	97,284	103,176	200,460
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	85,779	63,851	149,630	774,671	2,800,303	3,574,974
Bulk transportation "	-	-	-	-	-	-
Totals "	85,779	63,851	149,630	774,671	2,800,303	3,574,974
Mail carried (unit toll transportation)	7,567	9,047	16,614	211,024	325,933	536,957

(1) Passengers and goods in transit through Canada are excluded.

Third Quarter 1962

Third Quarter 1962

	Quarter	Year to date	Quarter	Year to date
Number of reporting carriers	208	..		
Bulk transportation:				
Revenue hours flown	26,518	52,323	1,488,509	2,783,729
Revenue passengers carried	53,522	103,805	973,039	2,044,703
Revenue goods carried	3,511,083	7,082,971	2,461,548	4,828,432
Specialty flying services:			370,187	1,331,070
Revenue hours flown:			2,831,735	6,159,502
Flying training	17,508	48,423		
Recreational flying	4,926	11,028	1,242,727	2,659,010
Aerial photography and survey	227	513	386,558	958,628
Aerial photography (excluding survey)	367	474	414,247	1,434,695
Aerial pest control	2,282	5,462	299,024	797,783
Aerial advertising	11	24	2,342,556	5,850,116
Aerial patrol and inspection	1,248	3,252		
Philanthropic	-	-	489,179	309,386
Aerial fish cultivation	-	-		
Geophysical survey	342	351		
Non-transportation charter	-	29	Dr.	Dr.
Other specialty flying	5,488	10,595	55,819	179,240
Total specialty flying services ...	32,399	80,151	433,360	130,146
Total - All services:				
Revenue hours flown	58,917	132,474	61,997	78,292
Non-revenue hours flown	3,353	7,979	371,363	51,854
Operating revenues:				
Bulk transportation				
Other flying services				
Total flying services				
Non-flying services				
Total operating revenues				
Operating expenses:				
Flying operations				
Maintenance				
General services and administration				
Depreciation				
Total operating expenses				
Operating income (loss)				
Non-operating income - Net				
Income before income taxes				
Provision for income taxes				
Net income after income taxes				

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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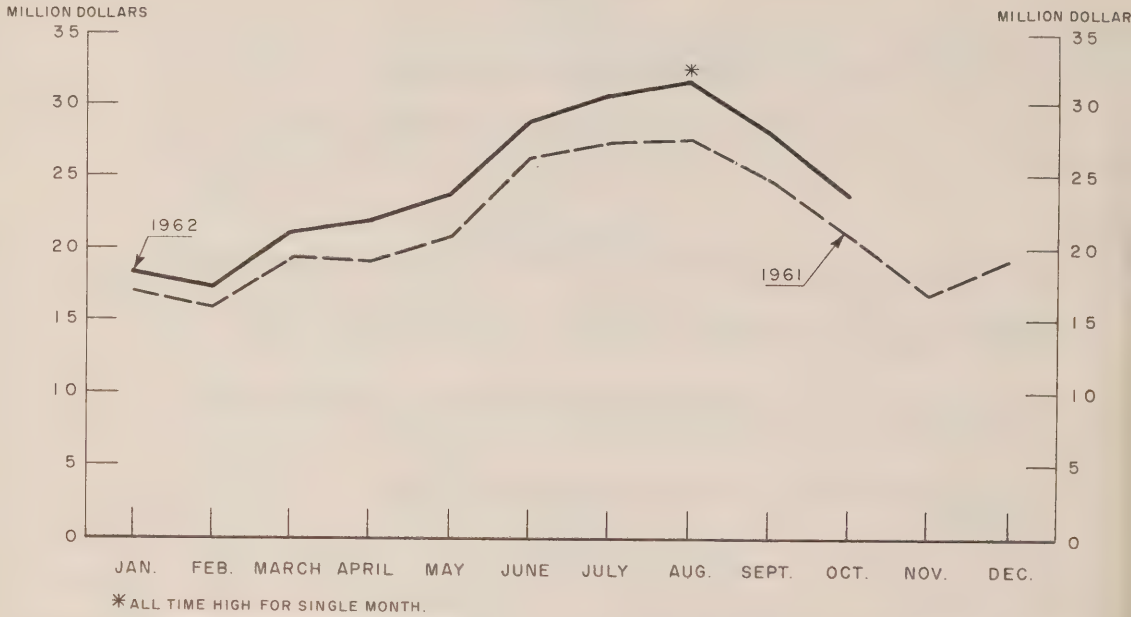
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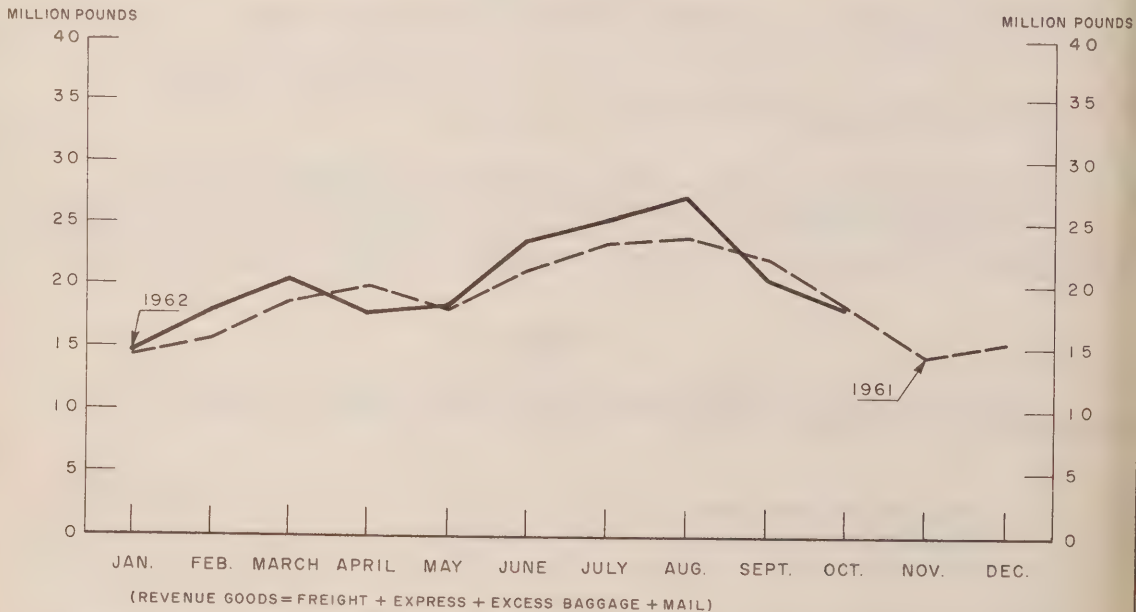
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Statistics on aircraft owned and leased by Canadian carriers are presented in Table 10 for each group of carriers, by category of aircraft and weight group.

Review of October operations

In October 1962, there was no major change in either the number of revenue passengers or the volume of revenue goods transported by Canadian air carriers, as compared with the same month of 1961. Passengers carried rose slightly to 434,054 from 431,383, an increase of 0.6 per cent, while goods flown decreased 1.4 per cent to 18,162,039 lbs. from 18,425,383 lbs. Revenue miles flown were up one per cent to 7,844,635 from 7,748,796. Operating revenues rose 13 per cent to \$23,600,798 from \$20,59,781, but operating expenses increased only 5.9 per cent to \$22,914,462 from \$21,630,690. As a result there was an operating income for the month of \$686,336 compared with an operating deficit of \$40,909 in October of the previous year. The net deficit, after provision for income taxes and other charges decreased sharply to \$217,558 from \$1,459,659.

During the ten month period January to October, both the revenue passengers and revenue goods handled registered substantial increases over the corresponding period of 1961. The number of revenue passengers carried increased 9.1 per cent to 4,548,776 from 4,170,162 and the volume of goods flown rose 7.9 per cent to 209,825,573 lbs. from 194,400,074 lbs. Operating revenues increased 12 per cent in the ten month period, more than offsetting an increase of 6.8 per cent in operating expenses which rose to \$232,607,532 from \$217,752,027.

In October, the six scheduled carriers transported 390,622 revenue passengers or 90 per cent of the total number carried and 11,351,032 lbs. of revenue goods or 62.5 per cent of the total. In October of last year 90.9 per cent of the revenue passengers and 62.5 of the revenue goods were transported by scheduled carriers. These carriers also accounted for 90.3 per cent of the operating revenues and 89.6 per cent of the operating expenses in October 1962. Corresponding figures for the previous October are 89 per cent and 87.9 per cent respectively.

Foreign carriers licensed to operate in Canada transported 12.1 per cent fewer revenue passengers and 13.2 per cent less revenue goods in October 1962. The number of revenue passengers carried dropped to 65,919 from 75,014 and the volume of goods flown decreased to 1,905,257 lbs. from 2,196,193 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

October 1962

	Canadian carriers				Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers(3)
		Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	21	53	74	80	9	98	...	
Transportation services:									
Unit toll:									
Revenue departures No.	17,336	2,717	730	3,447	20,783	..	..	..
Revenue hours flown	22,434	2,342	455	2,797	25,231	365	993	26,589	
Revenue miles scheduled	5,485,145	...	...	...	5,485,145	88,511	385,564	5,959,220
Revenue miles flown:									
Scheduled services	5,553,217 (4)	...	...	...	5,553,217 (4)	86,203	389,683	6,029,103 (4)
Non-scheduled services ...	310,095 (4)	297,350	60,460	357,810	667,905 (4)	-	-	667,905 (4)	
Totals	5,863,312	297,350	60,460	357,810	6,221,122	86,203	389,683	6,697,008	
Revenue passengers carried "	383,519	10,412	3,187	13,599	397,118	46,847	19,072	463,037	
Revenue goods carried:									
Cargo	7,287,279	589,770	40,367	630,137	7,917,416	619,554	1,037,745	9,705,598	
Excess baggage	94,082 (5)	21,275	15,526	36,801	130,883 (5)	125,798	122,160	3,310,523	
Mail	2,961,073	85,020	16,472	101,492	3,082,565	745,352	1,159,905	13,016,121	
Totals	10,342,434	696,065	72,365	768,430	11,110,864	1,964,151	15,848,472	300,727,046	
Revenue passenger-miles No.	280,130,402	2,509,300	274,721	2,784,021	282,914,423	15,089	397,710	4,381,480	
Revenue goods ton-miles:									
Cargo	3,622,767	134,006	7,164	141,170	3,763,937	15,089	397,710	4,381,480	
Excess baggage	194,707	9,173	864	10,037	204,744	2,437	50,439	1,320,943	
Mail	1,241,335	25,734	998	26,732	1,268,067	17,526	448,149	5,702,423	
Totals	5,058,809	168,913	9,026	177,939	5,236,748	17,526	448,149	5,702,423	
Bulk:									
Revenue - Departure	1,255	6,440	8,647	15,087	16,342	..	..	..
Hours flown	1,805	7,391	5,848	13,239	15,044	-	16	15,060	
Miles flown	352,229	651,118	620,166	1,271,284	1,623,513	-	4,860	1,628,373	
Passengers carried ..	7,103	15,247	14,586	29,833	36,936	-	-	37,364	
Freight carried .. lb.	1,008,598	4,052,459	1,990,118	6,042,577	7,051,175	-	-	7,051,175	
Non-transportation services:									
Specialty flying:									
Revenue hours flown	12	1,265	4,384	5,649	5,661	-	-	5,661	
Revenue hours flown	No.							73,460	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

October 1962

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	18,591	9,157	9,377	18,534	37,125	365	1,009	47,310	568,773	..
Hours flown	24,251	10,998	10,687	21,685	45,936	86,203	394,543	8,325,381	91,128,150	..
Miles flown	6,215,541	948,468	680,626	1,629,094	7,844,635	46,847	19,500	500,401	5,240,258	..
Passengers carried	390,622	25,659	17,773	43,432	434,054	619,554(7)	1,037,745(7)	16,756,773(7)	192,583,813(7)	..
Cargo carried	8,295,877	4,642,229	2,030,485	6,672,714	14,968,591	745,352	1,159,905	20,067,296	225,976,751	..
Goods carried	11,351,032	4,748,524	2,062,483	6,811,007	18,162,039					..
Non-revenue:										
Hours flown	533	663	403	1,066	1,599	3	-	1,602	20,810	..
Passengers carried .....	..	255	9	264	..	756	983	..	..	..
Goods carried .....	..	23,400	-	23,400	..	28,969	91,395	..	..	..
Passenger-miles	17,020,593	152,115	957	153,072	17,173,665	31,717	811,354	18,016,736	156,539,142	..
Goods ton-miles	492,227	10,898	-	10,898	503,125	1,796	27,493	532,414	5,956,370	..
Fuel consumed:										
Turbo fuel - Quantity	14,451,145	105,116	-	105,116	14,556,261	313,904	2,634,372	17,504,537	174,257,629	..
Cost	2,036,340	38,933	-	38,933	2,075,273	46,748	402,192	2,524,213	25,310,048	..
Gasoline - Quantity	761,271	393,029	191,403	584,432	1,345,703	44,217	241,709	1,631,629	20,056,122	..
Cost	254,761	156,162	76,956	233,118	487,879	11,269	56,249	555,397	7,108,338	..
Oil consumed:										
Turbo aircraft - Quantity ..	4,392	1,025	-	1,025	5,417	11	145	5,573	46,287	..
Cost	36,526	2,255	-	2,255	38,781	68	1,320	40,169	388,778	..
Other aircraft - Quantity ..	11,088	5,564	2,965	8,529	19,617	255	2,744	22,616	243,433	..
Cost	11,803	8,455	3,600	12,055	23,858	152	2,014	26,024	295,499	..
Average number of employees:										
Flying personnel	2,192	414	231	645	2,837	..	..	..	..	..
Other personnel	13,484	829	476	1,305	14,789	..	..	..	..	..
Totals	15,676	1,243	707	1,950	17,626	224	774	18,624	18,894	..
Salaries and wages paid:										
Flying personnel	1,605,399	283,793	128,275	412,068	2,017,467	..	..	..	..	..
Other personnel	6,266,701	363,571	187,159	550,730	6,817,431	..	..	..	..	..
Totals	7,872,100	647,364	315,434	962,798	8,834,898	110,642	325,644	9,271,184	92,405,675	..

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

October 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	687,202	16,915,916	17,603,118	288,271	47,034	335,305	17,938,423	181,721,811
Express	50,217	346,401	396,618	11,969	899	12,868	409,486	3,591,567
Freight	154,482	808,127	962,609	75,363	3,191	78,554	1,041,163	10,002,957
Excess baggage	18,115	100,106	118,221	9,339	1,272	10,611	128,832	1,305,978
Mail	92,498	1,014,534	1,107,032	32,509	4,437	36,946	1,143,978	11,571,273
Total unit toll transportation ..	1,002,514	19,185,084	20,187,598	417,451	56,833	474,284	20,661,882	208,193,586
Bulk transportation	265,860	470,616	736,476	922,673	441,852	1,364,525	2,101,001	27,567,903
Total transportation	1,268,374	19,655,700	20,924,074	1,340,124	498,685	1,838,809	22,762,883	235,761,489
Other flying services	-	3,180	3,180	195,919	94,221	290,140	293,320	4,615,081
Total flying services	1,268,374	19,658,880	20,927,254	1,536,043	592,906	2,128,949	23,056,203	240,376,570
Non-flying services	35,029	360,650	395,679	67,537	81,379	148,916	544,595	5,262,640
Total operating revenues	1,303,403	20,019,530	21,322,933	1,603,580	674,285	2,277,865	23,600,798	245,639,210
Operating expenses:								
Flying operations	468,420	4,669,997	5,138,417	652,029	329,147	981,176	6,119,593	65,374,627
Maintenance	369,041	3,881,818	4,250,859	419,756	224,379	644,135	4,894,994	51,366,523
General services and administration:								
Passenger service	34,606	1,480,273	1,514,879	-	-	-	-	-
Aircraft and traffic servicing	192,087	2,867,734	3,059,821	-	-	-	-	-
Promotion and sales	101,673	3,218,532	3,320,205	-	-	-	-	-
General administration	107,710	847,786	955,496	-	-	-	-	-
Totals	436,076	8,414,325	8,850,401	335,923	138,808	474,731	9,325,132	90,546,391
Depreciation and amortization	208,816	2,089,346	2,298,162	176,526	100,055	276,581	2,574,743	25,319,991
Total operating expenses	1,482,353	19,055,486	20,537,839	1,584,234	792,389	2,376,623	22,914,462	232,607,532
Operating income (loss)	Dr. 178,950	964,044	785,094	19,346	Dr. 118,104	Dr. 98,758	686,336	13,031,678
Non-operating income - Net:								
Capital gains and losses	-	11,153	11,153	Dr. 311	Dr. 500	Dr. 811	10,342	Dr. 128,296
Interest and discounts	1,187	170,076	171,263	4,088	1,112	5,200	176,463	1,195,835
Miscellaneous non-operating income ..	Dr. 626	Dr. 57	683	Dr. 11,401	Dr. 910	Dr. 10,491	Dr. 11,174	Dr. 808,160
Income before interest expense	Dr. 178,389	1,145,216	966,827	11,722	Dr. 116,582	Dr. 104,860	861,967	13,291,057
Interest expense	40,964	988,927	1,029,891	36,400	12,542	48,942	1,078,833	10,611,204
Income before income taxes	Dr. 219,353	156,289	63,064	Dr. 24,678	Dr. 129,124	Dr. 153,802	216,866	2,679,853
Provision for income taxes	-	-	-	6,192	Cr. 5,500	692	692	82,765
Net income after income taxes	Dr. 219,353	156,289	63,064	Dr. 30,870	Dr. 123,624	Dr. 154,494	217,558	2,597,088

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

October 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	3,445,267	84,742	198,380	244,799	159,281	13,470,649	17,603,118	177,920,817
Express	15,610	-	8,960	38,823	2,434	330,791	396,618	3,430,790
Freight	225,897	75,684	46,164	-	32,634	582,230	962,609	9,034,116
Excess baggage	31,196	1,581	6,170	8,197	2,167	68,910	118,221	1,207,954
Mail	159,638	24,349	42,243	2,617	23,289	854,896	1,107,032	10,914,118
Total unit toll transportation ..	3,877,608	186,356	301,917	294,436	219,805	15,307,476	20,187,598	202,507,795
Bulk transportation	346,225	5,018	48,017	1,410	211,415	124,391	736,476	8,465,164
Total transportation	4,223,833	191,374	349,934	295,846	431,220	15,431,867	20,924,074	210,972,959
Other flying services	-	-	-	-	-	3,180	3,180	27,368
Total flying services	4,223,833	191,374	349,934	295,846	431,220	15,435,047	20,927,254	211,000,327
Non-flying services	120,347	5,999	23,587	1,976	3,467	240,303	395,679	3,101,963
Total operating revenues	4,344,180	197,373	373,521	297,822	434,687	15,675,350	21,322,933	214,102,290
Operating expenses:								
Flying operations	1,546,052	85,060	154,061	80,803	148,496	3,123,945	5,138,417	52,917,133
Maintenance	692,038	47,107	97,235	76,054	148,645	3,189,780	4,250,859	43,236,839
General services and administrations:								
Passenger service	363,898	4,302	12,148	4,690	13,466	1,116,375	1,514,879	15,273,610
Aircraft and traffic servicing ..	496,266	27,713	108,184	26,850	29,340	2,371,468	3,059,821	29,739,997
Promotion and sales	793,896	9,105	21,085	46,128	25,355	2,424,636	3,320,205	31,447,038
General administration	204,343	17,337	36,497	23,442	30,434	643,443	955,496	8,855,037
Totals	1,858,403	58,457	177,914	101,110	98,595	6,555,922	8,850,401	85,315,682
Depreciation and amortization	220,517	97,069	44,303	32,074	35,370	1,868,829	2,298,162	22,170,415
Total operating expenses	4,317,010	287,693	473,513	290,041	431,106	14,738,476	20,537,839	203,640,069
Operating income (loss)	27,170	Dr.	99,992	7,781	3,581	936,874	785,094	10,462,221
Non-operating income - Net:								
Capital gains and losses	11,153	-	-	-	-	-	11,153	Dr.
Interest and discounts	52,965	1,145	-	21	21	117,111	171,263	1,158,354
Miscellaneous non-operating income ..	8,337	73	2,442	1,743	-	8,394	683	Dr.
Income before interest expense	99,625	Dr.	102,434	9,545	3,602	1,045,591	966,827	10,541,836
Interest expense	-	6,120	12,273	12,778	9,793	988,927	1,029,891	9,963,197
Income before income taxes	99,625	Dr.	114,707	3,233	6,191	56,664	63,064	578,639
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	99,625	Dr.	114,707	3,233	6,191	56,664	63,064	578,494

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

October 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures No.	1,799	11,916	13,715	703	1,010	999	909	3,621	17,336
Revenue hours flown	3,305	15,577	18,882	641	1,046	797	1,068	3,552	22,434
Revenue miles scheduled	1,026,681	4,170,242	5,196,923	27,816	151,518	78,108	30,780	288,222	5,485,145
Revenue miles flown:									
Scheduled services - Regular	1,025,922	4,108,529	5,134,451	25,790	136,793	77,622	30,780	270,985	5,405,436
Extra section	2,189	136,316	138,505	94	6,228	2,954	-	9,276	147,781
Non-scheduled services	49,189	-	49,189	79,520	11,694	60,852	108,840	260,906	310,095
Totals	1,077,300	4,244,845	5,322,145	105,404	154,715	141,428	139,620	541,167	5,863,312
Ratio of regular miles flown to miles scheduled	99.9	98.5	...	92.7	90.3	99.4	100.0	...	...
Revenue passengers carried No.	35,286	321,899	357,185	4,042	9,065	8,599	4,628	26,334	383,519
Revenue goods carried:									
Express	71,987	878,940	950,927	-	30,446	182,813	14,336	227,595	1,178,522
Freight	499,959	4,088,851	4,588,810	775,071	477,527	-	267,349	1,519,947	6,108,757
Excess baggage	-	-	-	14,261	21,508	46,722	-	94,082	94,082(2)
Mail	157,892	2,401,440	2,559,332	134,053	168,315	23,194	76,179	401,741	2,961,073
Totals	729,838	7,369,231	8,099,069	923,385	697,796	252,729	369,455	2,243,365	10,342,434
Revenue passenger-miles:									
Scheduled services	57,876,614	213,227,462	271,104,076	285,300	2,451,531	1,604,339	383,262	4,724,432	275,828,508
Non-scheduled services	1,002,346	-	1,002,346	624,102	32,331	1,277,604	1,365,512	3,299,349	4,301,895
Totals	58,878,960	213,227,462	272,106,422	909,402	2,483,862	2,881,943	1,748,774	8,023,981	280,130,403
Available seat-miles on scheduled services	117,499,513	374,854,594	492,354,107	1,166,664	5,630,668	2,724,440	700,789	10,222,561	502,576,668
Passenger load factor on scheduled services	49.3	56.9	...	24.5	43.5	58.9	54.7	...	...
Revenue goods ton-miles:									
Express - Scheduled services	18,593	341,025	359,618	-	6,923	11,990	1,034	19,947	379,565
Non-scheduled services	763	-	763	-	-	8,756	2,541	11,297	12,060
Totals	19,356	341,025	360,381	-	6,923	20,746	3,575	31,244	391,625
Freight - Scheduled services	658,326	2,230,795	2,889,121	1,899	121,621	-	1,853	125,373	3,014,494
Non-scheduled services	2,423	-	2,423	183,256	1,109	-	29,860	214,225	216,648
Totals	660,749	2,230,795	2,891,544	185,155	122,730	-	31,713	339,598	3,231,142

See footnotes at end of table.

October 1962

- 11 -

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	35,427	142,854	178,281	356	3,579	4,686	259	8,880	187,161
Non-scheduled services	120	-	120	1,313	26	4,164	1,923	7,426	7,546
Totals	35,547	142,854	178,401	1,669	3,605	8,850	2,182	16,306	194,707
Mail - Scheduled services	119,372	1,043,070	1,162,442	4,502	42,317	2,022	1,805	50,646	1,213,088
Non-scheduled services	4,032	-	4,032	11,257	88	4,239	8,631	24,215	28,247
Totals	123,404	1,043,070	1,166,474	15,759	42,405	6,261	10,436	74,861	1,241,335
Total - Scheduled services	831,718	3,757,744	4,589,462	6,757	174,440	18,698	4,951	204,846	4,794,308
Non-scheduled services	7,338	-	7,338	195,826	1,223	17,159	42,955	257,163	264,501
Totals	839,056	3,757,744	4,596,800	202,583	175,663	35,857	47,906	462,009	5,058,809
Available ton-miles on scheduled services	15,252,246	49,316,452	64,568,698	126,576	757,607	269,942	77,081	1,231,206	65,799,904
Weight load factor on scheduled services(3)	43.4	50.9	...	27.9	55.4	66.4	56.2	...	...
Bulk:									
Revenue - Departures	91	44	135	13	726	4	377	1,120	1,255
Hours flown	412	110	522	17	545	3	718	1,283	1,805
Miles flown	129,378	37,294	166,672	2,642	58,124	550	124,241	185,557	352,229
Passengers carried	3,349	1,546	4,895	32	1,234	49	893	2,208	7,103
Freight carried	-	-	-	4,068	173,445	-	831,085	1,008,598	1,008,598
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	12	12	-	-	-	-	-	12
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,890	11,960	13,850	716	1,736	1,003	1,286	4,741	18,591
Hours flown	3,717	15,699	19,416	658	1,591	800	1,786	4,835	24,251
Miles flown	1,206,678	4,282,139	5,488,817	108,046	212,839	141,978	263,861	726,724	6,215,541
Passengers carried	38,635	323,445	362,080	4,074	10,299	8,648	5,521	28,542	390,622
Cargo carried	571,946	4,967,791	5,539,737	779,139	681,418	182,813	1,112,770	2,756,140	8,295,877
Goods carried	729,838	7,369,231	8,099,069	927,453	871,241	252,729	1,200,540	3,251,963	11,351,032

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

October 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	103	195	298	24	136	31	44	235	533
Passengers carried	1,325	..	..	191	163	103	127	584	..
Goods carried	131,692	..	..	13,135	37,911	-	42,794	93,840	..
Passenger-miles	2,657,510	14,148,078	16,805,588	39,687	70,961	31,515	72,842	215,005	17,020,593
Goods ton-miles	181,025	290,158	471,183	3,166	11,735	-	6,143	21,044	492,227
Fuel consumed:									
Turbo fuel - Quantity	3,072,308	11,219,981	14,292,289	42,260	-	116,596	-	158,856	14,451,145
Cost	552,797	1,450,477	2,003,274	8,132	-	24,934	-	33,066	2,036,340
Gasoline - Quantity	276,889	22,676	299,565	74,075	151,076	31,431	205,124	461,706	761,271
Cost	80,319	6,929	87,248	23,628	59,689	7,344	76,852	167,513	254,761
Oil consumed:									
Turbo aircraft - Quantity .. gal.	423	3,519	3,942	-	-	450	-	450	4,392
Cost	3,953	32,262	36,195	-	-	331	-	331	36,526
Other aircraft - Quantity .. gal.	3,342	412	3,754	846	1,555	-	4,933	7,334	11,088
Cost	3,775	352	4,127	900	1,843	-	4,933	7,676	11,803
Average number of employees:									
Flying personnel	431	1,544	1,975	31	83	37	66	217	2,192
Other personnel	2,117	10,412	12,529	138	340	232	245	955	13,484
Totals	2,548	11,956	14,504	169	423	269	311	1,172	15,676
Salaries and wages paid:									
Flying personnel	342,749	1,116,018	1,458,767	22,765	59,524	24,051	40,292	146,632	1,605,399
Other personnel	912,981	4,968,279	5,881,260	49,665	152,889	88,613	94,274	385,441	6,266,701
Totals	1,255,730	6,084,297	7,340,027	72,430	212,413	112,664	134,566	532,073	7,872,100

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	28,406	3,662	8,796	8,599	4,085	271,284	324,832
Domestic interline	2,932	380	-	-	-	-	-
Foreign interline	3,447	-	-	-	-	50,615	57,374
Totals(2)	34,785	4,042	8,796	8,599	4,085	321,899	382,206
Revenue express carried:							
Originated	71,987	-	30,446	182,813	14,336	878,940	1,178,522
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	71,987	-	30,446	182,813	14,336	878,940	1,178,522
Revenue freight carried:							
Originated	415,535	584,020	464,340	-	59,180	4,088,851	5,611,926
Domestic interline	10,280	-	-	-	-	-	10,280
Foreign interline	32,727	-	-	-	-	-	32,727
Totals(2)	438,542	584,020	464,340	-	59,180	4,088,851	5,654,933
Revenue excess baggage carried:							
Originated .....	..	14,261	21,185	46,722	8,828	..	90,996(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	14,261	21,185	46,722	8,828	..	90,996(3)
Revenue mail carried:							
Originated	157,892	134,053	166,493	23,194	20,419	2,401,440	2,903,491
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	157,892	134,053	166,493	23,194	20,419	2,401,440	2,903,491

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

October 1962

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	2,178	465	281	83	3,007	10,708	13,715
Revenue hours flown	3,206	1,793	805	490	6,294	12,588	18,882
Revenue miles scheduled	653,838	811,912	308,579	211,862	1,986,211	3,210,712	5,196,923
Revenue miles flown:							
Scheduled services - Regular	650,260	800,958	305,192	211,862	1,968,272	3,166,179	5,134,451
Extra sections	51,719	24,413	1,119	-	77,251	61,254	138,505
Non-scheduled services	-	-	-	-	-	49,189	49,189
Totals	701,979	825,371	306,311	211,862	2,045,523	3,276,622	5,322,145
Ratio of regular miles flown to miles scheduled	99.4	98.7	98.9	100.0	99.1	98.6	98.8
Revenue passengers carried .....	...	...	...	...	114,258	242,927	357,185
Revenue cargo carried .....	...	...	...	...	2,225,511	3,314,226	5,539,737
Revenue mail carried .....	...	...	...	...	318,060	2,241,272	2,559,332
Revenue passenger-miles	31,886,167	56,430,707	15,373,551	12,357,528	116,047,953	156,058,469	272,106,422
Available seat-miles on scheduled services	49,406,502	107,809,170	37,251,075	26,205,184	220,671,931	271,682,176	492,354,107
Passenger load factor on scheduled services ...	64.5	52.3	41.3	47.2	52.6	57.1	55.1
Revenue goods ton-miles:							
Express	56,979	-	-	-	56,979	303,402	360,381
Freight	243,849	622,550	157,788	266,535	1,290,722	1,600,822	2,891,544
Excess baggage	15,940	23,062	20,108	6,536	65,646	112,755	178,401
Mail	37,801	163,616	35,643	46,131	283,191	883,283	1,166,474
Totals	354,569	809,228	213,539	319,202	1,696,538	2,900,262	4,596,800
Available ton-miles on scheduled services	5,997,861	14,686,394	4,665,520	3,386,596	28,736,371	35,832,327	64,568,698
Weight load factor on scheduled services(1) ...	59.1	43.9	37.5	45.9	46.3	51.3	49.1

(1) Standard passenger weight used: 200 pounds.

TABLE 1. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

October 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,705	39,790	29,567	500,776
Recreational flying	842	16,413	9,446	196,258
Aerial photography and survey	229	52,866	5,281	911,669
Aerial photography (excluding survey)	44	1,094	938	49,152
Aerial pest control	4	8,409	4,257	588,706
Aerial advertising	13	67	100	11,385
Aerial patrol and inspection	992	81,993	12,555	1,085,453
Philanthropic	-	-	-	-
Aerial fish cultivation	45	4,579	48	4,809
Geophysical survey	701	69,109	8,777	856,976
Non-transportation charter	18	5,250	806	139,849
Other specialty flying	68	3,949	1,685	275,745
Total specialty flying	5,661	266,701	73,460	4,620,778

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

October 1962

	Month(1)	Year to date
Revenue hours flown	2,056	45,732
Average number of aircraft	97	114
Average number of employees:		
Flying personnel	145	205
Other personnel	99	129
Totals	244	334
Salaries and wages paid:		
Flying personnel	105,556	1,335,421
Other personnel	57,055	733,640
Totals	162,611	2,069,061
Operating revenues:		
Bulk transportation	292,904	5,013,481
Other flying services	19,911	566,292
Non-flying services	39,621	438,792
Totals	352,436	6,018,565
Operating expenses:		
Flying operations	104,868	2,155,592
Maintenance	72,145	1,668,740
General services and administration ..	28,828	534,551
Depreciation and amortization	78,415	909,488
Totals	284,256	5,288,371
Operating income (loss)	68,180	730,194
Net income (deficit) after income taxes	59,096	606,583

(1) Excludes 3 carriers operating 21 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

October 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	72,370	69,225	141,595	13,810	17,698	31,508
Bulk transportation "	319	298	617	995	2,042	3,037
Totals "	72,689	69,523	142,212	14,805	19,740	34,545
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	397,964	1,951,113	2,349,077	468,257	880,448	1,348,705
Bulk transportation "	-	-	-	-	-	-
Totals "	397,964	1,951,113	2,349,077	468,257	880,448	1,348,705
Mail carried (unit toll transportation) "	174,739	164,531	339,270	54,060	154,770	208,830
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,275	3,799	7,074	89,455	90,722	180,177
Bulk transportation "	236	-	236	1,550	2,340	3,890
Totals "	3,511	3,799	7,310	91,005	93,062	184,067
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	84,646	100,382	185,028	950,867	2,931,943	3,882,810
Bulk transportation "	-	-	-	-	-	-
Totals "	84,646	100,382	185,028	950,867	2,931,943	3,882,810
Mail carried (unit toll transportation)	9,849	8,069	17,918	238,648	327,370	566,018

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,

as at October 15, 1962

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		23		61		279		369	
Helicopters No.	-	-	126	4	33	2	31	-	190	6
Turbo jets "	11	4	-	-	-	-	-	-	11	4
Turbo props:										
300-001 lb. and over No.	-	-	-	-	-	-	1	-	1	-
150,001-300,000 lb.	-	5	-	-	-	-	-	-	-	5
100,001-150,000 lb.	22	-	-	-	-	-	-	-	22	-
50,001-100,000 lb.	48	-	-	-	-	-	-	-	48	-
50,000 lb. and under "	3	-	-	-	-	-	-	-	3	-
Total turbo props "	73	5	-	-	-	-	1	-	74	5
Piston engines:										
Four engines:										
130,001 lb. and over No.	-	-	-	-	-	-	-	-	-	-
100,001-130,000 lb.	3	-	-	-	-	-	-	-	4	-
70,001-100,000 lb.	8	1	4	2	-	-	-	-	12	3
50,001-70,000 lb.	5	-	1	-	-	-	-	-	6	-
50,000 lb. and under "	1	1	-	-	-	-	-	-	1	1
Total four engines "	17	2	6	2	-	-	-	-	23	4
One or two engines:										
40,001 lb. and over No.	17	-	6	4	-	-	-	-	23	4
25,001-40,000 lb.	23	1	33	6	10	-	5	-	71	7
20,001-25,000 lb.	-	-	2	-	-	-	-	-	2	-
15,001-20,000 lb.	-	-	22	-	1	-	2	-	25	-
10,001-15,000 lb.	1	-	3	-	7	-	-	-	11	-
7,501-10,000 lb.	14	3	50	2	44	1	22	1	130	7
5,001-7,500 lb.	20	1	54	2	58	5	31	2	163	10
4,001-5,000 lb.	-	-	9	2	9	-	12	2	30	4
3,001-4,000 lb.	-	-	14	2	25	-	57	-	96	2
2,001-3,000 lb.	4	-	35	3	123	13	240	45	402	61
2,000 lb. and under "	1	-	10	1	83	-	388	31	482	32
Total one or two engines ..	80	5	238	22	360	19	757	81	1,435	127
Grand total	181	16	370	28	393	21	789	81	1,733	146

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

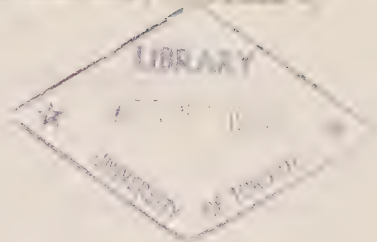
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CANADA



CIVIL AVIATION

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SYMBOLS

The Interpretation of the symbols used in the tables throughout this publication is as follows:

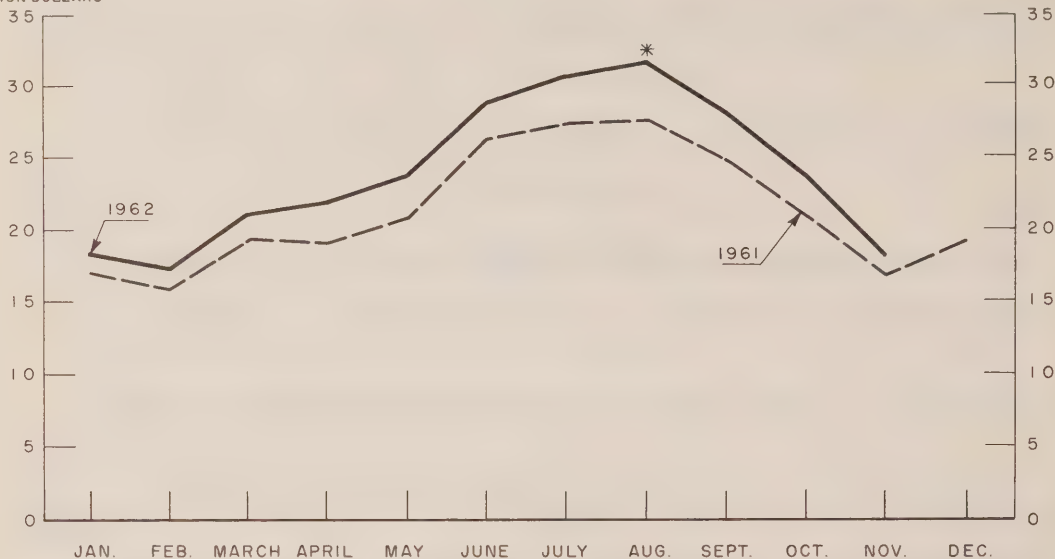
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- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962

MILLION DOLLARS

MILLION DOLLARS



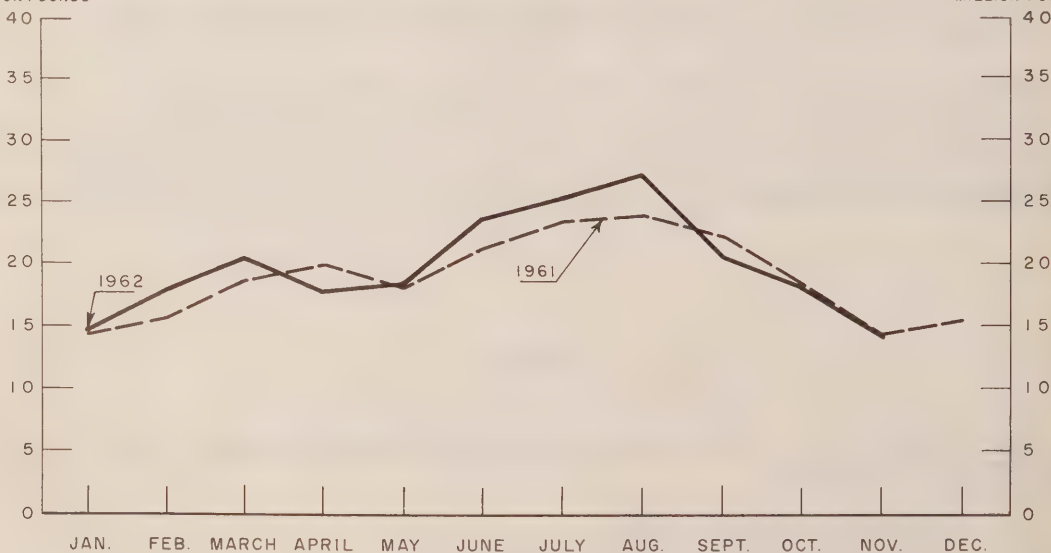
* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Airlines and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Review of November operations

During the month of November 1962, Canadian air carriers transported both fewer revenue passengers and less revenue goods than in November of the previous year. Passengers carried decreased 2.2 per cent to 352,180 from 360,229 and the volume of revenue goods flown dropped 1.5 per cent to 4,166,725 lbs. from 4,385,851 lbs. Revenue miles flown were down 2.7 per cent to 6,180,705 from 6,351,196. Operating revenues for the month rose 8.2 per cent to \$18,122,723 from \$16,743,963 and operating expenses rose 9.6 per cent to \$21,508,074 from \$19,617,760. As a result the operating loss amounted to \$3,385,351 as compared with \$2,873,797 for November of the previous year. The net deficit after provision for income taxes and other charges, was also higher at \$4,388,039 and compared with a deficit of \$3,761,760 reported a year earlier.

In the first eleven months of 1962, the volume of traffic handled was substantially higher than during the same period of 1961. The number of revenue passengers transported rose 8.2 per cent to 4,903,135 from 4,530,391 and the volume of revenue goods flown increased 5.4 per cent to 224,216,615 lbs. from 212,825,457 lbs. During the same period both operating revenues and expenses were higher. Revenues rose 11.8 per cent to \$263,837,126 from \$236,071,830 and expenses advanced 7.1 per cent to \$254,186,112 from \$237,378,206.

In November, the six scheduled carriers transported 328,741 revenue passengers or 93.3 per cent of the total number carried by Canadian airlines and 11,017,377 lbs. of revenue goods or 77.8 per cent of the total. In November 1961, 93.2 per cent of the revenue passengers and 65.3 per cent of the revenue goods were transported by the scheduled carriers. These carriers also reported, in November 1962, operating revenues of \$16,770,299 or 92.5 per cent of the total and operating expenses of \$19,496,721, 90.6 per cent of all operating expenses. Corresponding figures for the previous November were 91.2 per cent and 88.2 per cent respectively.

Foreign carriers licensed to operate in Canada transported 52,060 revenue passengers compared with 55,325 in November 1961, a decrease of 5.9 per cent. In contrast the volume of revenue goods carried rose 7.5 per cent to 1,934,070 lbs. from 1,799,284 lbs., during the same period. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

November 1962

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers				United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	21	55	76	82	9	9	100	...
Transportation services:									
Unit toll:									
Revenue departures	15,303	1,337	641	1,978	17,281	..	..	..	..
Revenue hours flown	19,706	1,602	397	1,999	21,705	351	669	22,725	303,290
Revenue miles scheduled	4,850,008	...	...	...	4,850,008	86,706	280,485	5,217,199	65,649,733
Revenue miles flown:									
Scheduled services	4,852,110(4)	...	...	...	4,852,110(4)	83,550	283,265	5,218,925(4)	66,682,805(4)
Non-scheduled services ..	260,737(4)	211,534	52,390	263,924	524,661(4)	-	-	524,661(4)	8,480,996(4)
Totals	5,112,847	211,534	52,390	263,924	5,376,771	83,550	283,265	5,743,586	75,163,801
Revenue passengers carried	325,370	7,843	2,959	10,802	336,172	40,816	11,244	388,232	5,173,833
Revenue goods carried:									
Cargo	6,943,678	390,955	92,134	483,089	7,426,767	607,489	1,067,730	9,196,747	104,452,892
Excess baggage	64,960(5)	13,464	16,337	29,801	94,761(5)	-	-	128,814	36,862,128
Mail	3,155,343	33,856	19,993	53,849	3,209,192	130,037	1,196,544	3,468,043	141,315,020
Totals	10,163,981	438,275	128,464	566,739	10,730,720	737,526	1,729,330	12,664,790	
Revenue passenger-miles	214,263,285	1,927,332	238,470	2,165,802	216,429,087	1,729,330	8,698,704	226,857,121	3,397,951,257
Revenue goods ton-miles:									
Cargo	3,565,904	118,734	3,703	122,437	3,688,341	13,946	399,054	4,245,645	44,508,947
Excess baggage	138,783	4,668	853	5,521	144,304	-	-	1,414,830	14,038,370
Mail	1,334,398	23,623	1,199	24,822	1,359,220	2,550	53,060	5,660,475	58,547,317
Totals	5,039,085	147,025	5,755	152,780	5,191,865	16,496	452,114		
Bulk:									
Revenue - Departure	793	2,529	3,910	6,439	7,232	..	..	..	..
Hours flown	1,215	3,203	2,555	5,758	6,973	2	7	6,982	222,386
Miles flown	210,413	299,659	293,862	593,521	803,934	175	2,550	806,659	22,582,991
Passengers carried	3,371	5,493	7,144	12,637	16,008	17	275	16,300	473,136
Freight carried .. lb.	853,396	1,900,997	681,612	2,582,609	3,436,005	-	-	3,436,005	100,986,843
Non-transportation services:									
Specialty flying:									
Revenue hours flown	7	660	4,026	4,686	4,693	-	-	4,693	78,251

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

November 1962

	Canadian carriers						Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)				
		Group III(1)	Group IV	Total							
Total - All services:											
Traffic, hours and miles: (6)											
Revenue:											
Departures	16,096	3,866	4,551	8,417	24,513	..	..	34,400	603,927	
Hours flown	20,928	5,465	6,978	12,443	33,371	353	676	6,550,245	97,746,792		
Miles flown	5,323,260	511,193	346,252	857,445	6,180,705	83,725	285,815	12,632,752(7)	205,439,735(7)		
Passengers carried	328,741	13,336	10,103	23,439	352,180	40,833	11,519	16,100,795	242,301,863		
Cargo carried	7,797,074	2,291,952	773,746	3,065,698	10,862,772	607,489(7)	1,067,730(7)				
Goods carried	11,017,377	2,339,272	810,076	3,149,348	14,166,725	737,526	1,196,544				
Non-revenue:											
Hours flown	541	455	280	735	1,276	19	-	1,295	22,135		
Passengers carried .....	..	191	15	206	..	751	664	..	..
Goods carried .....	..	37,185	-	37,185	..	24,927	76,375	..	..
Passenger-miles	13,444,152	119,845	2,909	122,754	13,566,906	126,764	415,329	14,108,999	170,648,141		
Goods ton-miles	445,725	16,301	-	16,301	462,026	3,404	28,053	493,483	6,449,853		
Fuel consumed:											
Turbo fuel - Quantity	11,797,847	-	-	-	11,797,847	163,010	1,888,459	13,849,316	188,106,945		
Cost	1,731,053	-	-	-	1,731,053	34,418	286,979	2,052,450	27,362,498		
Gasoline - Quantity	761,341	320,445	137,031	457,476	1,218,817	51,931	197,115	1,467,863	21,541,244		
Cost	247,631	124,809	56,956	181,765	429,396	12,652	45,217	487,265	7,602,634		
Oil consumed:											
Turbo aircraft - Quantity ..	3,514	-	-	-	3,514	5	89	3,608	49,895		
Cost	30,158	-	-	-	30,158	30	739	30,927	419,705		
Other aircraft - Quantity ..	13,914	3,685	2,167	5,852	19,766	648	1,978	22,392	266,140		
Cost	14,377	6,503	2,799	9,302	23,679	1,320	1,393	26,392	322,281		
Average number of employees:											
Flying personnel	2,169	356	232	588	2,757	..	..	..	..
Other personnel	13,405	770	470	1,240	14,645	..	..	..	..
Totals	15,574	1,126	702	1,828	17,402	233	762	18,397	18,852		
Salaries and wages paid:											
Flying personnel	1,584,401	232,017	108,237	340,254	1,924,655	..	..	..	..
Other personnel	6,158,775	343,094	188,270	531,364	6,690,139	..	..	..	..
Totals	7,743,176	575,111	296,507	871,618	8,614,794	127,376	335,013	9,077,183	101,497,893		

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate

as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

November 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group II(1)		Total	Group III(1)		Total		
	Group I	Group IV						
Operating revenues:								
Unit toll transportation:								
Passengers	12,953,557	570,367	13,523,924	209,197	43,353	252,550	13,776,474	195,498,617
Express	302,007	47,644	349,651	9,975	1,174	11,149	360,800	3,952,477
Freight	860,169	148,637	1,008,806	60,894	3,123	64,017	1,072,823	11,075,780
Excess baggage	83,583	14,266	97,849	6,552	1,243	7,795	105,644	1,411,622
Mail	1,055,920	91,824	1,147,744	28,273	4,984	33,257	1,181,001	12,752,274
Total unit toll transportation ..	15,255,236	872,738	16,127,974	314,891	53,877	368,768	16,496,742	224,690,770
Bulk transportation	168,672	233,229	401,901	526,215	205,148	731,363	1,133,264	28,748,656
Total transportation	15,423,908	1,105,967	16,529,875	841,106	259,025	1,100,131	17,630,006	253,439,426
Other flying services	1,737	-	1,737	91,865	158,885	250,750	252,487	4,877,217
Total flying services	15,425,645	1,105,967	16,531,612	932,971	417,910	1,350,881	17,882,493	258,316,643
Non-flying services	200,420	38,267	238,687	69,941	71,484	1,543	240,230	5,520,483
Total operating revenues	15,626,065	1,144,234	16,770,299	863,030	489,394	1,352,424	18,122,723	263,837,126
Operating expenses:								
Flying operations	4,070,124	412,095	4,482,219	487,464	246,093	733,557	5,215,776	70,612,514
Maintenance	3,924,159	330,471	4,254,630	365,865	189,071	554,936	4,809,566	56,206,971
General services and administration:								
Passenger service	1,332,620	39,517	1,372,137	..	..	..	..	..
Aircraft and traffic servicing	2,748,836	185,235	2,934,071	..	..	..	..	..
Promotion and sales	2,709,409	101,680	2,811,089	..	..	..	..	..
General administration	967,644	115,733	1,083,377	..	..	..	..	..
Totals	7,758,509	442,165	8,200,674	293,265	157,547	450,812	8,651,486	99,202,709
Depreciation and amortization	2,350,154	209,044	2,559,198	169,850	102,198	272,048	2,831,246	28,163,918
Total operating expenses	18,102,946	1,393,775	19,496,721	1,316,444	694,909	2,011,353	21,508,074	254,186,112
Operating income (loss)	Dr. 2,476,881	Dr. 249,541	Dr. 2,726,422	Dr. 453,414	Dr. 205,515	Dr. 658,929	Dr. 3,385,351	9,651,014
Non-operating income - Net:								
Capital gains and losses	Dr. 20,569	19,217	Dr. 1,352	Dr. 17,794	Dr. 68	Dr. 17,726	Dr. 16,374	Dr. 111,922
Interest and discounts	152,781	96	152,877	336	126	462	153,339	1,349,174
Miscellaneous non-operating income ..	Dr. 110,477	Dr. 233	Dr. 110,710	Dr. 14,987	Dr. 218	Dr. 14,769	Dr. 125,479	Dr. 933,535
Income before interest expense	Dr. 2,455,146	Dr. 230,461	Dr. 2,685,607	Dr. 450,271	Dr. 205,239	Dr. 655,510	Dr. 3,341,117	9,954,731
Interest expense	985,123	40,276	1,025,399	30,799	10,842	41,641	1,067,040	11,678,822
Income before income taxes	Dr. 3,440,269	Dr. 270,737	Dr. 3,711,006	Dr. 481,070	Dr. 216,081	Dr. 697,151	Dr. 4,408,157	Dr. 1,724,091
Provision for income taxes	Cr. 5,162	-	Cr. 5,162	Cr. 18,271	Cr. 3,315	Cr. 14,956	Cr. 20,118	Cr. 62,647
Net income after income taxes	Dr. 3,435,107	Dr. 270,737	Dr. 3,705,844	Dr. 462,799	Dr. 219,396	Dr. 682,195	Dr. 4,388,039	Dr. 1,786,738

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

November 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	2,473,722	72,862	165,538	209,737	122,230	10,479,835	13,523,924	191,444,741
Express	13,872	-	7,520	38,360	1,764	288,135	349,651	3,780,441
Freight	247,809	72,290	54,980	21,367	612,360	612,360	1,008,806	10,042,922
Excess baggage	25,797	1,793	5,957	5,310	1,206	57,786	97,849	1,305,803
Mail	188,850	24,371	44,491	2,572	20,390	867,070	1,147,744	12,061,862
Total unit toll transportation ..	2,950,050	171,316	278,486	255,979	166,957	12,305,186	16,127,974	218,635,769
Bulk transportation	133,839	8,943	37,924	600	185,762	34,833	401,901	8,867,065
Total transportation	3,083,889	180,259	316,410	256,579	352,719	12,340,019	16,529,875	227,502,834
Other flying services	-	-	-	-	-	1,737	1,737	29,105
Total flying services	3,083,889	180,259	316,410	256,579	352,719	12,341,756	16,531,612	227,531,939
Non-flying services	70,012	3,561	30,527	2,015	2,164	130,408	238,587	3,340,650
Total operating revenues	3,153,901	183,820	346,937	258,594	354,883	12,472,164	16,770,299	230,872,589
Operating expenses:								
Flying operations	1,336,164	80,412	127,422	80,128	124,133	2,733,960	4,482,219	57,399,352
Maintenance	632,729	53,480	89,045	71,567	116,379	3,291,430	4,254,630	47,491,469
General services and administrations:								
Passenger service	325,631	4,487	15,162	7,147	12,721	1,006,989	1,372,137	16,645,747
Aircraft and traffic servicing	458,859	31,961	106,950	25,639	20,685	2,289,977	2,934,071	32,678,068
Promotion and sales	476,644	4,688	15,906	56,790	24,296	2,234,765	2,811,089	34,258,127
General administration	169,191	19,104	34,062	25,248	37,319	798,453	1,083,377	9,938,414
Totals	1,428,325	60,240	172,080	114,824	95,021	6,330,184	8,200,674	93,516,356
Depreciation and amortization	208,720	97,149	45,558	30,401	35,936	2,141,434	2,559,198	24,729,613
Total operating expenses	3,605,938	291,281	434,105	296,920	371,469	14,497,008	19,496,721	223,136,790
Operating income (loss)	Dr. 452,037	Dr. 107,461	Dr. 87,168	Dr. 38,326	Dr. 16,586	Dr. 2,024,844	Dr. 2,726,422	7,735,799
Non-operating income - Net:								
Capital gains and losses	Dr. 20,569	22,165	-	2,948	-	-	Dr. 1,352	Dr. 345,979
Interest and discounts	48,992	-	-	32	64	103,789	152,877	1,311,231
Miscellaneous non-operating income ..	2,118	48	56	337	-	112,595	Dr. 110,710	Dr. 844,822
Income before interest expense	Dr. 421,496	Dr. 85,248	Dr. 87,112	Dr. 41,579	Dr. 16,522	Dr. 2,033,650	Dr. 2,685,607	7,856,229
Interest expense	-	5,728	11,726	13,821	9,001	985,123	1,025,399	10,988,596
Income before income taxes	Dr. 421,496	Dr. 90,976	Dr. 98,838	Dr. 55,400	Dr. 25,523	Dr. 3,018,773	Dr. 3,711,006	Dr. 3,132,367
Provision for income taxes	-	-	-	-	-	5,162	Cr. 5,162	Cr. 5,017
Net income after income taxes	Dr. 421,496	Dr. 90,976	Dr. 98,838	Dr. 55,400	Dr. 25,523	Dr. 3,013,611	Cr. 3,705,844	Dr. 3,127,350

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

November 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(L)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services:									
Unit toll:									
Revenue departures	1,618	10,676	12,294	642	954	857	556	3,009	15,303
Revenue hours flown	3,092	13,529	16,621	616	1,012	695	762	3,085	19,706
Revenue miles scheduled	969,139	3,605,968	4,575,107	24,472	144,505	76,284	29,640	274,901	4,850,008
Revenue miles flown:									
Scheduled services - Regular	947,784	3,523,211	4,470,995	23,706	126,716	76,183	28,614	255,219	4,726,214
Extra section	5,643	109,009	114,652	277	10,052	915	-	11,244	125,896
Non-scheduled services	40,376	-	40,376	78,822	10,215	51,692	79,632	220,361	260,737
Totals	993,803	3,632,220	4,626,023	102,805	146,983	128,790	108,246	486,824	5,112,847
Ratio of regular miles flown to miles scheduled	97.8	97.7	...	96.9	87.8	99.9	96.5	...	...
Revenue passengers carried	27,175	276,880	304,055	3,414	7,399	6,993	3,509	21,315	325,370
Revenue goods carried:									
Express	61,019	794,584	855,603	-	34,179	166,497	11,746	212,422	1,068,025
Freight	438,162	4,165,446	4,603,608	646,172	527,853	-	98,020	1,272,045	5,875,653
Excess baggage	159,190	..	..	10,788	17,009	31,075	6,088	64,960	64,960(2)
Mail	658,371	2,621,139	2,780,329	132,124	166,143	22,769	53,978	375,014	3,155,343
Totals		7,581,169	8,239,540	789,084	745,184	220,341	169,832	1,924,441	10,163,981
Revenue passenger-miles:									
Scheduled services	41,849,086	165,195,835	207,044,921	236,983	2,004,337	1,443,682	339,986	4,024,888	211,069,909
Non-scheduled services	778,009	-	778,009	507,409	29,318	877,254	1,001,386	2,415,367	3,193,376
Totals	42,627,095	165,195,835	207,822,930	744,392	2,033,655	2,320,936	1,341,372	6,440,355	214,263,285
Available seat-miles on scheduled services	106,830,061	310,269,694	417,099,755	1,094,398	5,738,096	2,624,800	686,979	10,144,273	427,244,028
Passenger load factor on scheduled services	39.2	53.2	...	21.7	34.9	55.0	49.5	...	...
Revenue goods ton-miles:									
Express - Scheduled services	16,340	297,053	313,393	-	7,900	10,185	660	18,745	332,138
Non-scheduled services	514	-	514	-	-	8,049	2,228	10,277	10,791
Totals	16,854	297,053	313,907	-	7,900	18,234	2,888	29,022	342,929
Freight - Scheduled services	567,826	2,344,239	2,912,065	1,810	127,876	-	2,059	131,745	3,043,810
Non-scheduled services	899	-	899	156,029	1,314	-	20,923	178,266	179,165
Totals	568,725	2,344,239	2,912,964	157,839	129,190	-	22,982	310,011	3,222,975

See footnotes at end of table.

November 1962

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	
Transportation services - Concluded:								
Unit toll - Concluded:								
Revenue goods ton-miles - Concluded:	29,375	97,979	127,354	205	3,134	3,238	149	134,080
Excess baggage - Scheduled services No.								
Non-scheduled services	50	-	50	1,349	53	2,111	1,140	4,703
Totals	29,425	97,979	127,404	1,554	3,187	5,349	1,289	138,783
Mail - Scheduled services	147,142	1,110,139	1,257,281	4,312	41,133	2,073	1,913	1,306,712
Non-scheduled services	3,308	-	3,308	11,683	163	4,139	8,393	27,686
Totals	150,450	1,110,139	1,260,589	15,995	41,296	6,212	10,306	1,334,398
Total - Scheduled services	760,683	3,849,410	4,610,093	6,327	180,043	15,496	4,781	4,816,740
Non-scheduled services	4,771	-	4,771	169,061	1,530	14,299	32,684	4,222,345
Totals	765,454	3,849,410	4,614,864	175,388	181,573	29,795	37,465	5,039,085
Available ton-miles on scheduled services	13,929,877	40,490,367	54,420,244	118,870	753,979	260,378	48,691	55,602,162
Weight load factor on scheduled services (3)	35.5	50.3	...	25.3	50.5	61.4	79.6	...
Bulk:								
Revenue - Departures	30	24	54	21	492	5	221	793
Hours flown	145	49	194	42	400	2	577	1,215
Miles flown	43,852	13,084	56,936	6,918	44,010	255	102,294	210,413
Passengers carried	936	591	1,527	195	865	85	699	3,371
Cargo carried	-	-	-	16,763	246,688	-	589,945	853,396
Freight carried	-	-	-	-	-	-	-	-
Non-transportation services:								
Specialty flying:								
Revenue hours flown	-	7	7	-	-	-	-	7
Total - All services:								
Traffic, hours and miles:(4)								
Revenue:								
Departures	1,648	10,700	12,348	663	1,446	862	777	16,096
Hours flown	3,237	13,585	16,822	558	1,412	697	1,339	20,928
Miles flown	1,037,655	3,645,304	4,682,959	109,723	190,993	129,045	210,540	5,323,260
Passengers carried	28,111	277,471	305,582	3,609	8,264	7,078	4,208	338,741
Cargo carried	499,181	4,960,030	5,459,211	662,935	808,720	166,497	699,711	7,797,074
Goods carried	658,371	7,581,169	8,239,540	805,847	991,872	220,341	759,777	11,017,377

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

November 1962

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(l)	Quebecair Inc. (l)	Transair Ltd. (l)	Total(l)	
Total - All services - Concluded:									
Traffic, hours and miles(4) -									
Concluded:									
Non-revenue:									
Hours flown	123	253	376	10	67	22	66	165	541
Passengers carried	1,239	..	..	201	174	133	79	587	..
Goods carried	105,230	..	..	19,264	48,339	-	14,351	81,954	..
Passenger-miles	2,432,029	10,825,771	13,257,800	33,030	63,530	44,530	45,262	186,352	13,444,152
Goods ton-miles	128,134	294,759	422,893	4,214	14,805	-	3,813	22,832	445,725
Fuel consumed:									
Turbo fuel - Quantity	2,538,359	9,101,799	11,640,158	38,715	-	118,974	-	157,689	11,797,847
Cost	461,865	1,237,274	1,699,139	7,412	-	24,502	-	31,914	1,731,053
Gasoline - Quantity	303,753	21,995	325,748	76,348	159,278	17,224	182,743	435,593	761,341
Cost	87,339	7,095	94,434	24,577	58,762	6,716	63,142	153,197	247,631
Oil consumed:									
Turbo aircraft - Quantity ..	520	2,612	3,132	-	-	382	-	382	3,514
Cost	3,271	26,446	29,717	-	-	441	-	441	30,158
Other aircraft - Quantity ..	4,141	254	4,395	826	1,561	876	6,256	9,519	13,914
Cost	4,236	241	4,477	917	1,951	776	6,256	9,900	14,377
Average number of employees:									
Flying personnel	439	1,522	1,961	28	79	37	64	208	2,169
Other personnel	2,128	10,333	12,461	137	335	229	243	944	13,405
Totals	2,567	11,855	14,422	165	414	266	307	1,152	15,574
Salaries and wages paid:									
Flying personnel	341,123	1,095,589	1,436,712	20,215	64,428	23,941	39,105	147,689	1,584,401
Other personnel	917,118	4,865,537	5,782,655	47,896	153,192	85,090	89,942	376,120	6,158,775
Totals	1,258,241	5,961,126	7,219,367	68,111	217,620	109,031	129,047	523,809	7,743,176

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

November 1962

- 13 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	22,052	3,067	7,158	6,993	3,345	240,284	282,899
Foreign interline	2,310	347	-	-	-	36,596	41,851
Totals(2)	2,598	-	-	-	-	-	-
Totals(2)	26,960	3,414	7,158	6,993	3,345	276,880	324,750
Revenue express carried:							
Originated	lb.						
Domestic interline	61,019	-	34,179	166,497	11,746	794,584	1,068,025
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	-	-	-	-	-	-
Totals(2)	61,019	-	34,179	166,497	11,746	794,584	1,068,025
Revenue freight carried:							
Originated	lb.						
Domestic interline	326,162	522,360	513,288	-	57,839	4,165,446	5,585,095
Foreign interline	18,900	-	-	-	-	-	18,900
Totals(2)	40,323	-	-	-	-	-	40,323
Totals(2)	385,385	522,360	513,288	-	57,839	4,165,446	5,644,318
Revenue excess baggage carried:							
Originated	lb.						
Domestic interline	-	10,788	16,501	31,075	6,088	-	64,452(3)
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	-	-	-	-	-	-
Totals(2)	-	10,788	16,501	31,075	6,088	-	64,452(3)
Revenue mail carried:							
Originated	lb.						
Domestic interline	159,190	132,124	162,551	22,769	21,155	2,621,139	3,118,928
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	-	-	-	-	-	-
Totals(2)	159,190	132,124	162,551	22,769	21,155	2,621,139	3,118,928

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

November 1962

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,754	337	287	74	2,452	9,842	12,294
Revenue hours flown	2,569	1,245	856	463	5,133	11,488	16,621
Revenue miles scheduled	566,628	539,396	316,016	206,750	1,628,790	2,946,317	4,575,107
Revenue miles flown:							
Scheduled services - Regular	554,746	536,419	316,016	192,605	1,599,786	2,871,209	4,470,995
Extra sections	23,812	6,822	9,686	4,738	45,058	69,594	114,652
Non-scheduled services	-	-	-	-	-	40,376	40,376
Totals	578,558	543,241	325,702	197,343	1,644,844	2,981,179	4,626,023
Ratio of regular miles flown to miles scheduled	97.9	99.4	100.0	93.2	98.2	97.5	97.7
Revenue passengers carried .....	...	...	...	...	88,181	215,874	304,055
Revenue cargo carried lb.	...	...	...	...	2,239,660	3,219,551	5,459,211
Revenue mail carried .....	...	...	...	...	321,870	2,458,459	2,780,329
Revenue passenger-miles	25,263,347	27,542,279	16,225,784	9,279,395	78,310,805	129,512,125	207,822,930
Available seat-miles on scheduled services	42,018,460	69,123,927	39,634,890	23,844,165	174,621,442	242,478,313	417,099,755
Passenger load factor on scheduled services ...	60.1	39.8	40.9	38.9	44.8	53.1	49.6
Revenue goods ton-miles:							
Express	49,869	-	-	-	49,869	264,038	313,907
Freight	227,087	637,603	122,183	265,599	1,252,472	1,660,492	2,912,964
Excess baggage	10,529	17,970	18,478	7,421	54,398	73,006	127,404
Mail	36,121	178,812	43,255	62,546	320,734	939,855	1,260,589
Totals	323,606	834,385	183,916	335,566	1,677,473	2,937,391	4,614,864
Available ton-miles on scheduled services	5,117,258	9,291,666	5,023,210	3,100,450	22,532,584	31,887,660	54,420,244
Weight load factor on scheduled services(1) ...	55.7	38.6	36.0	40.8	42.2	49.6	46.5

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

November 1962

	Month		Year to date	
	Revenue hours No.	Revenue earned \$	Revenue hours No.	Revenue earned \$
Flying training	2,339	37,553	31,906	538,329
Recreational flying	665	11,995	10,162	213,189
Aerial photography and survey	456	59,834	5,737	971,503
Aerial photography (excluding survey)	31	754	969	49,906
Aerial pest control	-	310	4,257	589,016
Aerial advertising	16	660	116	12,045
Aerial patrol and inspection	614	53,868	13,212	1,143,259
Philanthropic	-	-	-	-
Aerial fish cultivation	-	Dr. 18	48	4,791
Geophysical survey	507	68,000	9,284	924,976
Non-transportation charter	18	6,657	824	146,506
Other specialty flying	47	7,726	1,736	284,246
Total specialty flying	4,693	247,339	78,251	4,877,766

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

November 1962

	Month (1)	Year to date
Revenue hours flown	No. 1,001	46,837
Average number of aircraft	" 95	113
Average number of employees:		
Flying personnel	123	198
Other personnel	91	125
Totals	214	323
Salaries and wages paid:		
Flying personnel	75,454	1,412,167
Other personnel	54,872	789,237
Totals	130,326	2,201,404
Operating revenues:		
Bulk transportation	159,885	5,173,659
Other flying services	23,208	599,149
Non-flying services	Dr. 116,355	322,866
Totals	66,738	6,095,674
Operating expenses:		
Flying operations	84,788	2,242,913
Maintenance	70,147	1,742,236
General services and administration	14,261	1,569,590
Depreciation and amortization	78,108	988,919
Totals	247,304	5,543,658
Operating income (loss)	Dr. 180,566	552,016
Net income (deficit) after income taxes	Dr. 187,514	421,272

(1) Excludes 3 carriers operating 22 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

November 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	59,325	57,457	116,782	7,191	8,971	16,162
Bulk transportation "	155	84	239	87	297	384
Totals "	59,480	57,541	117,021	7,278	9,268	16,546
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	455,541	1,878,841	2,334,382	370,127	997,953	1,368,080
Bulk transportation "	-	-	-	-	-	-
Totals "	455,541	1,878,841	2,334,382	370,127	997,953	1,368,080
Mail carried (unit toll transportation) "	110,917	217,970	328,887	100,450	127,620	228,070
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,757	3,103	6,860	70,273	69,531	139,804
Bulk transportation "	202	234	436	444	615	1,059
Totals "	3,959	3,337	7,296	70,717	70,146	140,863
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	123,838	82,005	205,843	949,506	2,958,799	3,908,305
Bulk transportation "	-	-	-	-	-	-
Totals "	123,838	82,005	205,843	949,506	2,958,799	3,908,305
Mail carried (unit toll transportation)	11,074	12,474	23,548	222,441	358,064	580,505

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd., and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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CANADA



CIVIL AVIATION,

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MONTHLY

CIVIL AVIATION

NOTICE TO USERS

Commencing with January, 1963, summary statistics of the Canadian and foreign scheduled air carriers operating in Canada will be released in the D.B.S. Daily Bulletin prior to the publication of the "Civil Aviation" monthly report.

This new practice represents one more effort on the part of the Dominion Bureau of Statistics to produce timely and meaningful statistics for a sector of the Canadian economy.

Subscriptions to the Daily Bulletin can be made by writing to the Publications Distribution Unit, Financial Control Section, Dominion Bureau of Statistics, Ottawa. The price for a single subscription is \$1.00 per year.

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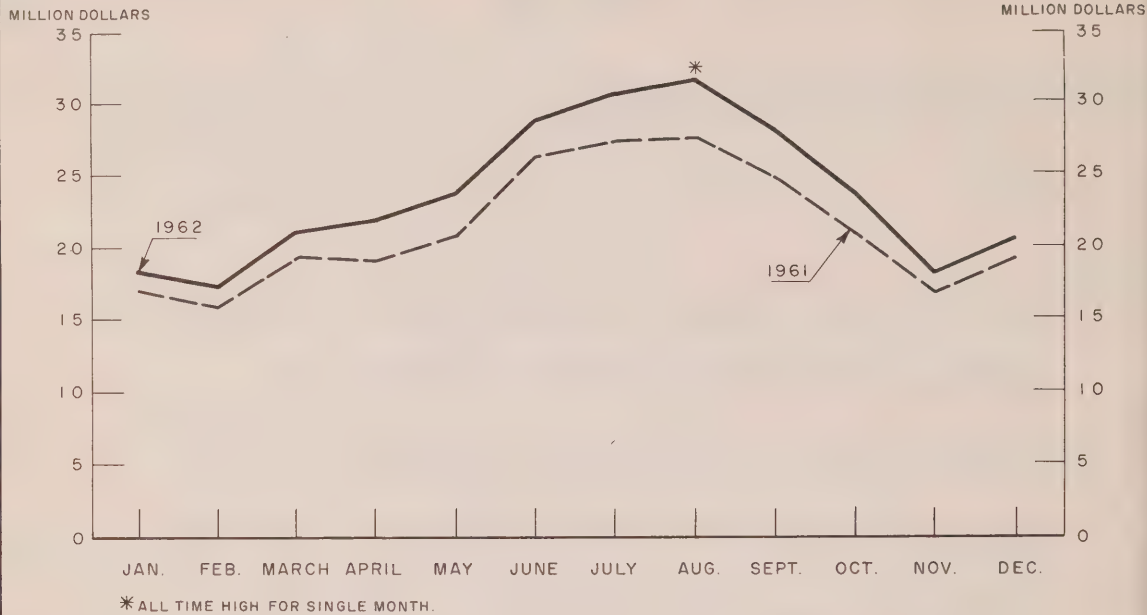
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

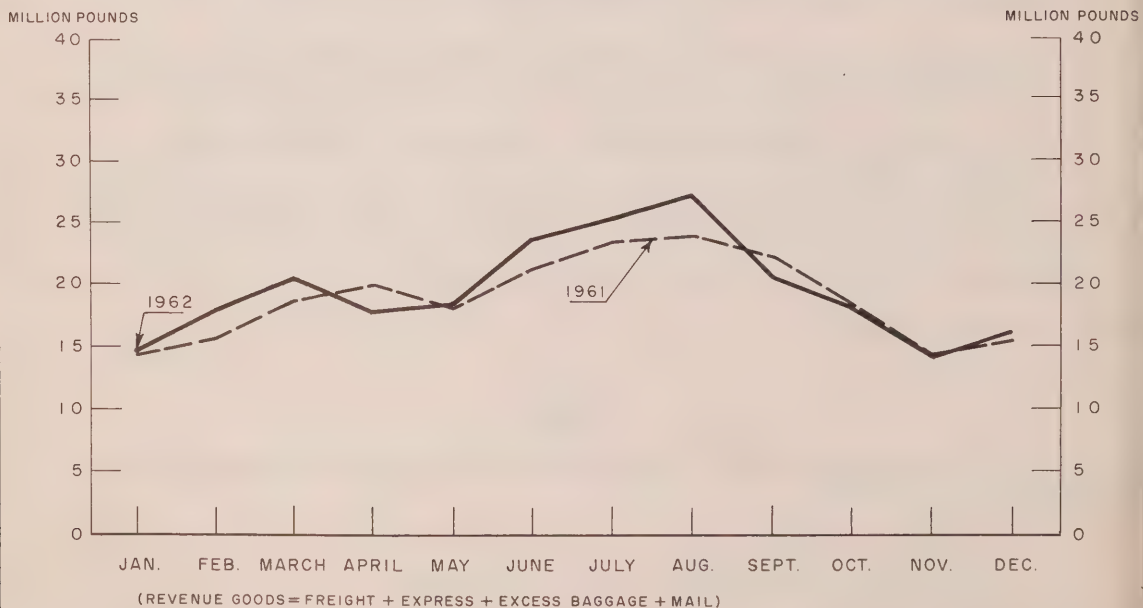
OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Review of December operations

In December 1962, Canadian air carriers transported 7.6 per cent fewer revenue passengers, but 3.1 per cent more revenue goods than in December 1961. Passengers carried decreased to 360,381 from 390,018, while goods flown increased to 16,092,554 lbs. from 15,607,793 lbs. Revenue miles flown decreased 2.7 per cent to 6,704,579 from 6,893,003. Both operating revenues and expenses registered increases, as revenues rose 7.1 per cent to \$20,496,312 from \$19,136,738 and expenses, 14.5 per cent to \$22,860,056 from \$19,969,401. As a result the operating loss for the month increased to \$2,363,744 from \$880,342. The deficit, after provision for income taxes and other charges, amounted to \$2,789,785 as against a deficit of \$2,147,553 reported in December of the previous year.

During the year 1962, Canadian air carriers transported 5.5 per cent more revenue passengers and 5.4 per cent more revenue goods than in 1961. The number of revenue passengers carried rose to 5,266,206 from 4,991,563 and the volume of revenue goods increased to 240,543,271 lbs. from 228,196,983 lbs. Operating revenues for the year were substantially higher rising 11.5 per cent to \$284,679,130 from \$255,224,889 while operating expenses rose 7.8 per cent to \$277,407,226 from \$257,369,110.

In December, the six scheduled carriers transported 335,568 revenue passengers or 93.1 per cent of the total number transported by Canadian carriers and 12,388,222 lbs. of revenue goods or 77 per cent of the total. In December of the previous year, 93.2 per cent of the revenue passengers and 76 per cent of the revenue goods were transported by the scheduled carriers.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 75 per cent of all commercial helicopters in Canada. In December 1962 they flew a total of 875 revenue hours, virtually the same as the 888 hours flown in December 1961. Operating revenues of these carriers totalled \$378,660 during the month under review and their operating expenses amounted to \$560,782. This compares with revenues of \$245,553 and expenses of \$558,594 in December of the previous year.

Tables 10 and 11 cover the operations of Group V carriers for the fourth quarter of 1962. The 220 carriers reporting operations for this quarter transported 24,578 revenue passengers and 1,795,131 lbs. of revenue goods.

Foreign carriers licensed to operate in Canada transported 15.4 per cent fewer revenue passengers in contrast to 6.5 per cent more revenue goods than in December 1961. The number of revenue passengers carried dropped to 53,778 from 63,595, but the volume of revenue goods increased to 1,838,159 lbs. from 1,725,634 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

December 1962

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	22	57	79	85	9	9	103	...
Transportation services:									
Unit toll:									
Revenue departures	15,826	1,885	628	2,513	18,339	..	..	..	..
Revenue hours flown	21,089	2,002	411	2,413	23,502	291	718	24,511	327,814
Revenue miles scheduled ...	5,125,471	...	...	...	5,125,471	77,449	287,368	5,490,288	71,140,021
Revenue miles flown:									
Scheduled services	5,232,376(4)	...	...	...	5,232,376(4)	72,479	292,821	5,597,676(4)	72,280,481(4)
Non-scheduled services ...	317,735(4)	258,785	52,358	311,143	628,878(4)	-	-	628,878(4)	9,111,113(4)
Totals	5,550,111	258,785	52,358	311,143	5,861,254	72,479	292,821	6,226,554	81,391,594
Revenue passengers carried	331,398	8,173	3,272	11,445	342,843	38,639	15,139	396,621	5,570,475
Revenue goods carried:									
Cargo	6,897,296	439,019	66,784	505,803	7,403,099	554,375	901,637	8,951,848	113,404,740
Excess baggage	59,708(5)	15,079	17,950	33,029	92,737(5)	182,097	200,050	4,776,701	41,639,976
Mail	4,147,313	218,188	29,053	247,241	4,394,554	736,472	1,101,687	13,728,549	155,044,716
Totals	11,104,317	672,286	113,787	786,073	11,890,390	1,590,689	11,157,922	267,666,426	3,666,664,618
Revenue passenger-miles	252,735,639	1,926,885	255,291	2,182,176	254,917,815	1,590,689	11,157,922	267,666,426	3,666,664,618
Revenue goods ton-miles:									
Cargo	3,622,369	116,984	3,265	120,249	3,742,618	13,346	329,254	4,261,487	48,790,085
Excess baggage	170,044	5,371	854	6,225	176,269	3,588	106,788	1,948,132	15,996,073
Mail	1,789,016	46,481	2,259	48,740	1,837,756	16,934	436,042	6,209,619	64,786,158
Totals	5,581,429	168,836	6,378	175,214	5,756,643	-	-	-	-
Bulk:									
Revenue - Departure	858	2,351	4,007	6,358	7,216	..	..	..	..
Hours flown	1,221	3,189	2,909	6,098	7,319	-	41	7,360	231,968
Miles flown	202,824	318,158	322,343	640,501	843,325	-	14,004	857,329	23,536,445
Passengers carried ..	4,170	6,101	7,267	13,368	17,538	-	1,215	18,753	494,558
Freight carried .. lb.	1,283,905	2,005,179	913,080	2,918,259	4,202,164	-	20,524	4,222,688	105,442,486
Non-transportation services:									
Specialty flying:									
Revenue hours flown	No.	522	2,419	2,941	2,943	-	-	2,943	81,743

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

December 1962

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	16,684	4,236	4,635	8,871	25,555	..	759	34,814	..	661,525
Hours flown	22,312	5,713	5,739	11,452	33,764	291	306,825	7,083,883	..	104,928,039
Miles flown	5,752,935	576,943	374,701	951,644	6,704,579	72,479	16,354	415,374	..	6,065,033
Passengers carried	335,568	14,274	10,539	24,813	360,381	38,639	922,161(7)	13,174,536(7)	..	218,847,226(7)
Cargo carried	8,181,201	2,444,198	979,864	3,424,062	11,605,263	554,375(7)	1,122,211	17,951,237	..	260,487,202
Goods carried	12,388,222	2,677,465	1,026,867	3,704,332	16,092,554	736,472	..	..	..	..
Non-revenue:										
Hours flown	566	403	293	696	1,262	3	-	1,265	..	23,400
Passengers carried .....	..	156	18	174	..	1,284	780	..	..	..
Goods carried .....	..	11,865	-	11,865	..	21,883	76,376	..	..	..
Passenger-miles	13,001,678	112,920	1,130	114,050	13,115,728	28,253	586,846	13,730,827	..	184,378,968
Goods ton-miles	366,493	4,136	-	4,136	370,629	2,297	27,219	400,145	..	6,849,998
Fuel consumed:										
Turbo fuel - Quantity	13,188,199	-	-	-	13,188,199	168,106	1,868,558	15,224,863	..	203,331,808
Cost	1,940,712	-	-	-	1,940,712	29,833	276,965	2,247,510	..	29,610,008
Gasoline - Quantity	814,371	382,337	118,726	501,063	1,315,434	67,272	247,597	1,630,303	..	23,217,348
Cost	253,656	142,846	50,003	192,849	446,505	16,955	59,120	522,580	..	8,146,797
Oil consumed:										
Turbo aircraft - Quantity .. gal.	3,768	-	-	-	3,768	9	87	3,864	..	53,759
Cost	32,631	-	-	-	32,631	59	769	33,459	..	453,164
Other aircraft - Quantity .. gal.	12,224	5,080	1,630	6,710	18,934	637	1,809	21,380	..	289,150
Cost	12,186	7,744	2,310	10,054	22,240	501	1,396	24,137	..	349,421
Average number of employees:										
Flying personnel	2,136	352	210	562	2,698	..	..	..	..	..
Other personnel	13,287	777	469	1,246	14,533	..	..	..	..	..
Totals	15,423	1,129	679	1,808	17,231	232	762	18,225	..	18,816
Salaries and wages paid:										
Flying personnel	1,569,803	238,605	120,305	358,910	1,928,713	..	..	..	..	..
Other personnel	6,434,794	362,769	194,004	556,773	6,991,567	..	..	..	..	..
Totals	8,004,597	601,374	314,309	915,683	8,920,280	123,700	325,010	9,368,990	..	110,963,783

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

December 1962

	Scheduled carriers			Total	Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Group III(1)		Group IV	Total			
dollars									
Operating revenues:									
Unit toll transportation:									
Passengers	14,726,017	654,294	15,380,311	225,886	43,974	269,860	15,650,171	211,149,120	
Express	313,151	44,198	357,349	9,323	1,921	11,244	368,593	4,444,566	
Freight	1,086,167	180,527	1,266,694	64,154	3,531	67,685	1,334,379	12,410,159	
Excess baggage	94,835	11,677	106,512	6,535	1,223	7,758	114,270	1,525,892	
Mail	1,434,899	130,236	1,565,135	90,803	6,314	97,117	1,662,252	4,341,386	
Total unit toll transportation ..	17,655,069	1,020,932	18,676,001	396,701	56,963	453,664	19,129,665	243,820,877	
Bulk transportation	153,825	243,549	397,374	577,620	241,933	819,553	1,216,927	30,240,090	
Total transportation	17,808,894	1,264,481	19,073,375	974,321	298,896	1,273,217	20,346,592	274,060,967	
Other flying services	588	-	588	72,487	81,595	154,082	154,670	5,060,379	
Total flying services	17,809,482	1,264,481	19,073,963	1,046,808	380,491	1,427,299	20,501,262	279,121,346	
Non-flying services	385,857	76,479	309,378	212,262	92,166	304,428	4,950	5,557,784	
Total operating revenues	17,423,625	1,340,960	18,764,585	1,259,070	472,657	1,731,727	20,496,312	284,679,130	
Operating expenses:									
Flying operations	4,476,558	190,013	4,666,571	575,367	268,052	843,419	5,509,990	76,219,348	
Maintenance	3,709,340	388,303	4,097,643	494,319	237,000	731,319	4,828,962	61,162,166	
General services and administration:									
Passenger service	1,623,731	38,901	1,662,632	..	..	..	..	..
Aircraft and traffic servicing	2,467,332	205,939	2,673,271	..	..	..	..	..
Promotion and sales	2,902,544	102,873	3,005,417	..	..	..	..	..
General administration	936,495	113,864	1,050,359	..	..	..	..	..
Totals	7,930,102	461,577	8,391,679	512,928	193,330	706,258	9,097,937	108,359,079	
Depreciation and amortization	2,841,926	307,960	3,149,886	171,653	101,628	273,281	3,423,167	31,666,633	
Total operating expenses	18,957,926	1,347,853	20,305,779	1,754,267	800,010	2,554,277	22,860,056	277,407,226	
Operating income (loss)	Dr. 1,534,301	Dr. 6,893	Dr. 1,541,194	Dr. 495,197	Dr. 327,353	Dr. 822,550	Dr. 2,363,744	7,271,904	
Non-operating income - Net:									
Capital gains and losses	8,739	Dr. 54,645	Dr. 63,384	70,918	2,842	73,760	10,376	Dr. 101,546	
Interest and discounts	253,785	128,732	382,517	3,991	1,019	2,972	385,489	1,731,459	
Miscellaneous non-operating income ..	142,435	56,500	198,935	58,330	2,638	60,968	259,903	Dr. 673,472	
Income before interest expense	Dr. 1,146,820	123,694	Dr. 1,023,126	Dr. 361,958	Dr. 322,892	Dr. 684,850	Dr. 1,707,976	8,228,345	
Interest expense	990,181	67,564	1,057,745	33,720	12,602	46,322	1,104,067	12,803,999	
Income before income taxes	Dr. 2,137,001	56,130	Dr. 2,080,871	Dr. 395,678	Dr. 335,494	Dr. 731,172	Dr. 2,812,043	Dr. 4,575,654	
Provision for income taxes	-	-	-	Cr. 18,542	Cr. 3,716	Cr. 22,258	Cr. 22,258	40,389	
Net income after income taxes	Dr. 2,137,001	56,130	Dr. 2,080,871	Dr. 377,136	Dr. 331,778	Dr. 708,914	Dr. 2,789,785	Dr. 4,616,043	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

December 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
				dollars				
Operating revenues:								
Unit toll transportation:								
Passengers	3,196,890	89,841	169,431	243,633	151,389	11,529,127	15,380,311	206,825,052
Express	14,031	-	8,817	33,960	1,421	299,120	357,349	4,137,790
Freight	200,179	87,379	64,858	28,090	28,090	885,988	1,266,694	11,309,616
Excess baggage	25,339	1,304	3,178	5,710	-	69,496	106,512	1,412,315
Mail	259,798	30,398	47,464	23,548	28,826	1,175,101	1,565,135	13,626,997
Total unit toll transportation ..	3,696,237	209,322	293,748	306,851	211,011	13,958,832	18,676,001	237,311,770
Bulk transportation	31,151	11,910	66,241	4,681	160,717	122,674	397,374	9,264,439
Total transportation	3,727,388	221,232	359,989	311,532	371,728	14,081,506	19,073,375	246,576,209
Other flying services	-	-	-	-	-	588	588	29,693
Total flying services	3,727,388	221,232	359,989	311,532	371,728	14,082,094	19,073,963	246,605,902
Non-flying services	80,208	36,695	35,654	21,391	1,739	466,065	309,378	3,031,272
Total operating revenues	3,807,596	257,927	395,643	313,923	373,467	13,616,029	18,764,585	249,637,174
Operating expenses:								
Flying operations	1,553,402	105,309	70,619	81,141	67,056	2,923,156	4,666,571	62,065,993
Maintenance	796,626	93,806	94,676	30,066	167,755	2,912,714	4,097,643	51,589,112
General services and administrations:								
Passenger service	369,072	6,698	12,590	5,661	13,952	1,254,659	1,662,632	18,308,379
Aircraft and traffic servicing	548,921	40,266	113,753	26,165	25,755	1,918,411	2,673,271	35,347,339
Promotion and sales	609,603	5,471	20,520	43,966	32,916	2,292,941	3,005,417	37,263,544
General administration	208,483	48,299	19,806	32,129	53,242	728,012	1,050,359	10,988,773
Totals	1,736,079	100,734	127,057	107,921	125,865	6,194,023	8,391,679	101,908,035
Depreciation and amortization	239,567	182,930	17,596	33,423	74,011	2,602,359	3,149,886	27,879,499
Total operating expense	4,325,674	484,779	309,948	252,551	300,575	14,632,252	20,305,779	243,442,569
Operating income (loss)	Dr. 518,078	Dr. 226,852	85,695	61,372	72,892	Dr. 1,016,223	Dr. 1,541,194	6,194,605
Non-operating income - Net:								
Capital gains and losses	8,739	7,827	1	-	46,819	-	63,384	409,363
Interest and discounts	46,462	128,640	-	47	45	207,323	382,517	1,693,748
Miscellaneous non-operating income ..	14,207	7,401	64,399	498	-	156,642	198,935	665,887
Income before interest expense	Dr. 494,562	Dr. 113,440	150,095	60,921	26,118	Dr. 652,258	Dr. 1,023,126	6,833,103
Interest expense	-	5,513	39,487	13,150	9,414	990,181	1,057,745	12,046,341
Income before income taxes	Dr. 494,562	Dr. 118,953	110,608	47,771	16,704	Dr. 1,642,439	Dr. 2,080,871	5,213,238
Provision for income taxes	-	-	-	-	-	-	-	5,017
Net income after income taxes	Dr. 494,562	Dr. 118,953	110,608	47,771	16,704	Dr. 1,642,439	Dr. 2,080,871	5,208,221

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

December 1962

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures No.	1,689	10,746	12,435	669	952	917	853	3,391	15,826
Revenue hours flown	3,414	14,176	17,590	653	1,000	822	1,024	3,499	21,089
Revenue miles scheduled	1,123,402	3,734,231	4,857,633	25,456	137,982	75,900	28,500	267,838	5,125,471
Revenue miles flown:									
Scheduled services - Regular	1,075,686	3,540,989	4,616,675	24,054	110,897	65,121	28,122	228,194	4,844,869
Extra section	18,027	330,258	348,285	2,381	20,118	14,901	1,822	39,222	387,507
Non-scheduled services	46,848	-	46,848	79,287	12,571	71,987	107,042	270,887	317,735
Totals	1,140,561	3,871,247	5,011,808	105,722	143,586	152,009	136,986	538,303	5,550,111
Ratio of regular miles flown to miles scheduled	95.8	94.8	...	94.5	80.4	85.8	98.7	...	...
Revenue passengers carried No.	33,921	273,812	307,733	4,553	7,583	7,694	3,835	23,665	331,398
Revenue goods carried:									
Express	63,033	689,621	752,654	-	24,506	137,823	11,028	173,357	926,011
Freight	441,858	4,255,326	4,697,184	681,206	438,681	-	154,214	1,274,101	5,971,285
Excess baggage .....	...	...	...	10,765	13,251	28,854	6,838	59,708(2)	59,708(2)
Mail	241,616	3,197,630	3,439,246	170,484	203,180	216,210	118,193	708,067	4,147,313
Totals	746,507	8,142,577	8,889,084	862,455	679,618	382,887	290,273	2,215,233	11,104,317
Revenue passenger-miles:									
Scheduled services	56,595,282	188,173,984	244,769,266	330,133	1,955,471	1,425,984	362,640	4,074,228	248,843,494
Non-scheduled services	937,021	-	937,021	553,366	34,177	1,154,468	1,213,113	2,955,124	3,892,145
Totals	57,532,303	188,173,984	245,706,287	883,499	1,989,648	2,580,452	1,575,753	7,029,352	252,735,639
Available seat-miles on scheduled services	127,815,986	337,353,835	465,169,821	1,124,970	5,256,898	2,641,592	698,055	9,721,515	474,891,336
Passenger load factor on scheduled services	44.3	55.8	...	29.3	37.2	54.0	52.0	...	...
Revenue goods ton-miles:									
Express - Scheduled services	16,525	289,818	306,343	-	6,419	7,776	721	14,916	321,259
Non-scheduled services	531	-	531	-	-	6,529	1,788	8,317	8,868
Totals	17,056	289,818	306,874	-	6,419	14,305	2,509	23,233	330,107
Freight - Scheduled services	524,206	2,461,277	2,985,483	2,544	119,531	-	1,778	123,853	3,109,336
Non-scheduled services	2,316	2,461,277	2,316	154,910	121,179	-	1,648	180,610	182,926
Totals	526,522	2,461,277	2,987,799	157,454	121,179	-	25,830	304,463	3,292,452

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

December 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	26,741	133,541	160,282	251	1,870	2,828	246	5,195	165,477
Non-scheduled services	107	-	107	1,044	51	2,230	1,135	4,460	4,567
Totals	26,848	133,541	160,389	1,295	1,921	5,058	1,381	9,655	170,044
Mail - Scheduled services	189,509	1,489,412	1,678,921	5,480	50,988	1,835	2,236	60,539	1,739,460
Non-scheduled services	4,226	-	4,226	15,784	183	17,677	11,686	45,330	1,739,460
Totals	193,735	1,489,412	1,683,147	21,264	51,171	19,512	13,922	105,869	1,789,016
Total - Scheduled services	756,981	4,374,048	5,131,029	8,275	178,808	12,439	4,981	204,503	5,335,532
Non-scheduled services	7,180	-	7,180	171,738	1,882	26,436	38,661	238,717	245,897
Totals	764,161	4,374,048	5,138,209	180,013	180,690	38,875	43,642	443,220	5,581,429
Available ton-miles on scheduled services	16,568,487	44,301,752	60,870,239	121,387	725,136	260,632	67,648	1,174,803	62,045,042
Weight load factor on scheduled services(3)	38.7	52.4	...	34.0	51.6	59.5	61.0	...	...
Bulk:									
Revenue - Departures	6	34	40	28	543	3	244	818	858
Hours flown	18	92	110	47	510	5	549	1,111	1,221
Miles flown	8,408	35,930	44,338	7,233	56,401	1,054	93,798	158,486	202,824
Passengers carried	314	1,437	1,751	537	1,226	38	618	2,419	4,170
Cargo carried	-	-	-	10,203	587,747	-	685,955	1,283,905	1,283,905
Freight carried	-	-	-	-	-	-	-	-	-
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	2	2	-	-	-	-	-	2
Total - All services:									
Traffic, hours and miles: (4)									
Revenue:									
Departures	1,695	10,780	12,475	697	1,495	920	1,097	4,209	16,684
Hours flown	3,432	14,270	17,702	700	1,510	827	1,573	4,610	22,312
Miles flown	1,148,969	3,907,177	5,056,146	112,955	199,987	153,063	230,784	696,789	5,752,935
Passengers carried	34,235	275,249	309,484	5,090	8,809	7,732	4,453	26,084	335,568
Cargo carried	504,891	4,944,947	5,449,838	691,409	1,050,934	137,823	851,197	2,731,363	8,181,201
Goods carried	746,507	8,142,577	8,889,084	872,658	1,267,365	382,887	976,228	3,499,138	12,388,222

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

December 1962

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	131	240	371	25	95	27	48	195	566
Passengers carried	1,008	..	..	250	152	152	96	650	..
Goods carried	96,392	..	..	25,340	34,380	-	14,677	74,397	..
Passenger-miles	2,034,112	10,776,276	12,810,388	43,555	51,093	50,309	46,333	191,290	13,001,678
Goods ton-miles	130,493	218,374	348,867	5,115	8,473	-	4,038	17,626	366,493
Fuel consumed:									
Turbo fuel - Quantity	2,972,002	10,082,939	13,054,941	38,845	-	94,413	-	133,258	13,188,199
Cost	519,736	1,389,115	1,908,851	7,419	-	24,442	-	31,861	1,940,712
Gasoline - Quantity	323,265	22,480	345,745	83,237	166,739	25,700	192,950	468,626	814,371
Cost	97,079	7,183	104,262	26,460	42,774	8,423	71,737	149,394	253,656
Oil consumed:									
Turbo aircraft - Quantity ..	609	2,710	3,319	-	-	449	-	449	3,768
Cost	6,077	25,773	31,850	-	-	781	-	781	32,631
Other aircraft - Quantity ..	3,872	309	4,181	811	1,807	957	4,468	8,043	12,224
Cost	3,542	298	3,840	880	2,259	739	4,468	8,346	12,186
Average number of employees:									
Flying personnel	445	1,493	1,938	28	68	38	64	198	2,136
Other personnel	2,119	10,226	12,345	132	327	237	246	942	13,287
Totals	2,564	11,719	14,283	160	395	275	310	1,140	15,423
Salaries and wages paid:									
Flying personnel	345,591	1,075,311	1,420,902	20,814	63,560	24,536	39,991	148,901	1,569,803
Other personnel	931,247	5,109,942	6,041,189	57,186	155,540	89,544	91,335	393,605	6,434,794
Totals	1,276,838	6,185,253	7,462,091	78,000	219,100	114,080	131,326	542,506	8,004,597

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

December 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	29,103	4,128	7,117	7,694	3,483	235,667	287,192
Domestic interline	2,002	425	-	-	-	38,145	42,945
Foreign interline	2,373	-	-	-	-	-	-
Totals(2)	33,478	4,553	7,117	7,694	3,483	273,812	330,137
Revenue express carried:							
Originated	63,033	-	24,506	137,823	11,028	689,621	926,011
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	63,033	-	24,506	137,823	11,028	689,621	926,011
Revenue freight carried:							
Originated	368,907	488,601	410,765	-	55,159	4,255,326	5,578,758
Domestic interline	12,870	-	-	-	-	-	12,870
Foreign interline	22,621	-	-	-	-	-	22,621
Totals(2)	404,398	488,601	410,765	-	55,159	4,255,326	5,614,249
Revenue excess baggage carried:							
Originated .....	..	10,765	12,850	28,854	5,665	..	58,134(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	10,765	12,850	28,854	5,665	..	58,134(3)
Revenue mail carried:							
Originated	241,616	170,484	200,220	216,210	24,271	3,197,630	4,050,431
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	241,616	170,484	200,220	216,210	24,271	3,197,630	4,050,431

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

December 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 1,682	398	381	99	2,560	9,875	12,435
Revenue hours flown	" 2,473	1,520	1,104	662	5,759	11,831	17,590
Revenue miles scheduled	" 565,017	667,401	415,758	274,906	1,923,082	2,934,551	4,857,633
Revenue miles flown:							
Scheduled services - Regular	" 520,522	644,588	413,520	262,711	1,841,341	2,775,334	4,616,675
Extra sections	" 35,370	34,182	33,855	8,301	111,708	236,577	348,285
Non-scheduled services	" -	-	-	-	-	46,848	46,848
Totals	" 555,892	678,770	447,375	271,012	1,953,049	3,058,759	5,011,808
Ratio of regular miles flown to miles scheduled	92.1	96.6	99.5	95.6	95.7	94.6	95.0
Revenue passengers carried	No. ...	...	...	...	99,224	208,509	307,733
Revenue cargo carried	1b. ...	...	...	...	2,244,089	3,205,749	5,449,838
Revenue mail carried .....	" ...	...	...	...	527,338	2,911,908	3,439,246
Revenue passenger-miles	No. 24,509,002	40,461,644	24,523,574	13,270,383	102,764,603	142,941,684	245,706,287
Available seat-miles on scheduled services	" 40,331,508	88,779,207	55,784,727	33,053,340	217,948,782	247,221,039	465,169,821
Passenger load factor on scheduled services ...	60.8	45.6	44.0	40.1	47.2	57.4	52.6
Revenue goods ton-miles:							
Express	No. 47,867	-	-	-	47,867	259,007	306,874
Freight	" 221,029	714,962	164,214	196,105	1,296,310	1,691,489	2,987,799
Excess baggage	" 16,797	17,376	21,201	5,929	61,303	99,086	160,389
Mail	" 45,901	368,190	51,809	72,453	538,353	1,144,794	1,683,147
Totals	" 331,594	1,100,528	237,224	274,487	1,943,833	3,194,376	5,138,209
Available ton-miles on scheduled services	" 4,814,192	12,023,955	7,480,750	4,233,890	28,552,787	32,317,452	60,870,239
Weight load factor on scheduled services(1) ...	57.8	42.8	36.0	37.8	42.8	53.8	48.6

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

December 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	1,520	24,959	33,635	570,105
Recreational flying	435	7,395	10,731	226,939
Aerial photography and survey	68	18,188	5,821	952,419
Aerial photography (excluding survey)	18	427	992	50,468
Aerial pest control	8	750	4,265	589,766
Aerial advertising	-	-	116	12,045
Aerial patrol and inspection	601	43,214	13,994	1,212,633
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	48	4,791
Geophysical survey	268	45,082	9,552	995,107
Non-transportation charter	10	3,354	834	149,860
Other specialty flying	15	4,643	1,755	289,664
Total specialty flying	2,943	148,012	81,743	5,053,797

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

December 1962

	Month	Year to date
Revenue hours flown	875	49,087
Average number of aircraft	102	117
Average number of employees:		
Flying personnel	127	197
Other personnel	95	127
Totals	222	324
Salaries and wages paid:		
Flying personnel	92,061	1,536,296
Other personnel	57,571	872,880
Totals	149,632	2,409,176
Operating revenues:		
Bulk transportation	153,045	5,540,499
Other flying services	17,296	616,445
Non-flying services	208,319	536,101
Totals	378,660	6,713,045
Operating expenses:		
Flying operations	195,965	2,508,257
Maintenance	215,671	2,021,359
General services and administration ..	61,972	674,227
Depreciation and amortization	87,174	1,139,695
Totals	560,782	6,343,538
Operating income (loss)	Dr. 182,122	369,507
Net income (deficit) after income taxes	Dr. 118,367	283,401

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

December 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	62,301	53,526	115,827	12,836	8,919	21,755
Bulk transportation "	285	58	343	2,259	-	2,259
Totals "	62,586	53,584	116,170	15,095	8,919	24,014
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	338,473	1,750,871	2,089,344	460,462	828,860	1,289,322
Bulk transportation "	-	-	-	20,524	-	20,524
Totals "	338,473	1,750,871	2,089,344	480,986	828,860	1,309,846
Mail carried (unit toll transportation) "	153,767	288,871	442,638	214,695	194,563	409,258
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	8,156	4,402	12,558	83,293	66,847	150,140
Bulk transportation "	-	-	-	2,544	58	2,602
Totals "	8,156	4,402	12,558	85,837	66,905	152,742
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	106,711	78,141	184,852	905,646	2,657,872	3,563,518
Bulk transportation "	-	-	-	20,524	-	20,524
Totals "	106,711	78,141	184,852	926,170	2,657,872	3,584,042
Mail carried (unit toll transportation)	18,809	16,343	35,152	387,271	499,777	887,048

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers
Fourth Quarter 1962

	Quarter	Year to date
Number of reporting carriers	220	..
Bulk transportation:		
Revenue hours flown	11,816	72,539
Revenue passengers carried	24,578	151,142
Revenue goods carried	1,795,131	10,115,286
Specialty flying services:		
Revenue hours flown:		
Flying training	10,716	61,534
Recreational flying	2,464	13,866
Aerial photography and survey	100	613
Aerial photography (excluding survey) ..	62	536
Aerial pest control	9	5,695
Aerial advertising	166	190
Aerial patrol and inspection	775	4,290
Philanthropic	-	-
Aerial fish cultivation	-	-
Geophysical survey	-	351
Non-transportation charter	7	36
Other specialty flying	2,802	13,604
Total specialty flying services ..	17,101	100,715
Total - All services:		
Revenue hours flown	28,917	173,254
Non-revenue hours flown	2,241	11,588

TABLE 11. Statement of Income, Canadian Group V Carriers
Fourth Quarter 1962

	Quarter	Year to date
		dollars
Operating revenues:		
Bulk transportation	607,966	3,809,728
Other flying services	417,883	2,561,055
Total flying services	1,025,849	6,370,783
Non-flying services	317,200	1,741,680
Total operating revenues	1,343,049	8,112,463
Operating expenses:		
Flying operations	847,848	3,739,394
Maintenance	321,267	1,356,825
General services and administration	431,737	2,021,059
Depreciation	312,942	1,161,117
Total operating expenses	1,913,794	8,278,395
Operating income (loss)	Dr.	165,932
Non-operating income - Net	Dr.	211,202
Income before income taxes	Dr.	377,134
Provision for income taxes	28	81,046
Net income after income taxes	Dr.	458,180

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Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

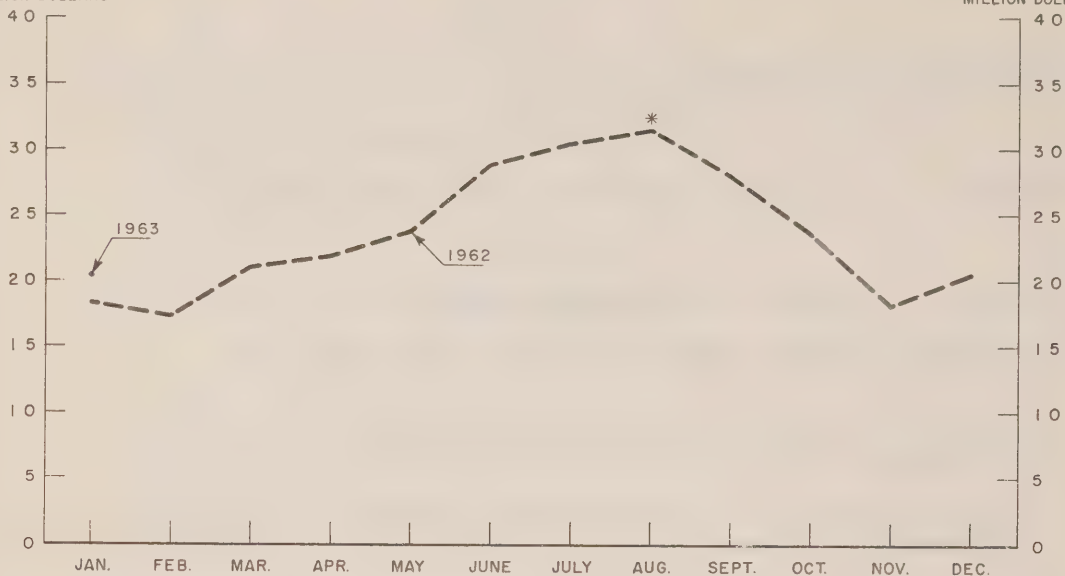
- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963

MILLION DOLLARS

MILLION DOLLARS



* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of January Operations

In January 1963, the number of revenue passengers transported by Canadian air carriers dropped slightly, although there was a significant increase in the volume of goods flown as compared with the corresponding month of 1962. Passengers carried decreased by less than 1 per cent to 390,302 from 393,897, but goods transported rose 6.1 per cent to 15,441,624 lbs. from 14,559,159 lbs. Revenue miles flown were virtually unchanged, as they decreased only 0.4 per cent to 6,995,512 from 7,023,955. Operating revenues rose 10.9 per cent to \$20,380,784 from \$18,376,449 a year earlier, while operating expenses increased 3.8 per cent to \$22,183,968 from \$21,364,593. As a result the operating loss of \$1,803,184 was considerably lower than that of \$2,988,144 reported in January, 1961 and the deficit after provision for income taxes and other charges, decreased to \$2,722,544 from \$3,999,319.

During January, 1963 the six scheduled carriers transported 365,162 revenue passengers or 93.6 per cent of the total number carried and 10,507,006 lbs. of revenue goods or 68 per cent of the total. Comparable figures for January, 1962 are 367,104 revenue passengers or 93.2 per cent of the total and 9,670,198 lbs. of revenue goods or 66.4 per cent of the total. The scheduled carriers also accounted for 92.6 per cent of the operating revenues and 91.7 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for January of the previous year are 91.2 per cent and 90.3 per cent respectively.

Table 7 shows data on the different types of specialty flying performed by Canadian carriers. During the month under review, operators performing these services reported 3,241 hours of flying and revenues of \$182,689. In the same month of 1962, 3,218 hours of specialty flying were flown with the revenues amounting to \$159,553.

Foreign carriers licensed to operate in Canada transported 58,464 revenue passengers in January, 1963 as compared with 64,102 in January 1962, a decrease of 8.8 per cent. In contrast, the volume of revenue goods flown by these same carriers rose 3.8 per cent to 1,886,885 lbs. from 1,817,421 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

January 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	20	60	80	86	9	9	104		
Transportation services:										
Unit toll:										
Revenue departures No.	16,136	2,238	652	2,890	19,026	..	..	..
Revenue hours flown	21,212	2,411	390	2,801	24,013	303	757	25,073		
Revenue miles scheduled	5,292,668	...	...	...	5,292,668	78,051	303,294	5,674,013	
Revenue miles flown:										
Scheduled services	5,358,312(4)	...	...	...	5,358,312(4)	74,065	310,613	5,742,990(4)	
Non-scheduled services ...	284,849(4)	298,753	46,940	345,693	630,542(4)	-	-	630,542(4)		
Totals	5,643,161	298,753	46,940	345,693	5,988,854	74,065	310,613	6,373,532		
Revenue passengers carried "	361,573	8,641	2,666	11,307	372,880	43,091	14,256	430,227		
Revenue goods carried:										
Cargo	5,930,099	437,380	107,769	545,149	6,475,248	601,511	1,023,136	8,173,704		
Excess baggage	56,383(5)	7,423	10,003	17,426	73,809(5)	125,015	132,219	3,768,502		
Mail	3,291,809	199,149	20,310	219,459	3,511,268	726,526	1,155,355	11,942,206		
Totals	9,278,291	643,952	138,082	782,034	10,060,325	1,864,940	10,417,319	274,523,177		
Revenue passenger-miles No.	260,060,772	2,007,967	172,179	2,180,146	262,240,918					
Revenue goods ton-miles:										
Cargo	3,147,069	63,491	16,767	80,258	3,227,327	14,117	395,210	3,804,135		
Excess baggage	163,631	3,373	477	3,850	167,481	2,591	63,049	1,385,947		
Mail	1,289,676	29,336	1,295	30,631	1,320,307	16,708	458,259	5,190,082		
Totals	4,600,376	96,200	18,539	114,739	4,715,115					
Bulk:										
Revenue - Departure	1,021	3,220	4,794	8,014	9,035	..	..	..
Hours flown	1,398	3,909	3,229	7,138	8,536	2	39	8,577		
Miles flown	228,153	401,934	376,571	778,505	1,006,658	337	12,827	1,019,822		
Passengers carried "	3,589	7,193	6,640	13,833	17,422	40	1,077	18,539		
Freight carried .. lb.	1,228,715	2,906,604	1,245,980	4,152,584	5,381,299	-	5,004	5,386,303		
Non-transportation services:										
Specialty flying:										
Revenue hours flown	1	987	2,253	3,240	3,241	-	-	3,241		

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

January 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
	Scheduled carriers Groups I and II(1)	Group III(1)	Group IV				Total			
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	17,157	5,458	5,446	10,904	28,061	..	..	..	..	..
Hours flown	22,611	7,307	5,872	13,179	35,790	305	796	36,891	..	..
Miles flown	5,871,314	700,687	423,511	1,124,198	6,995,512	74,402	323,440	7,393,354	..	..
Passengers carried	365,162	15,834	9,306	25,140	390,302	43,131	15,333	448,766	..	..
Cargo carried	7,158,814	3,343,984	1,353,749	4,697,733	11,856,547	601,511 (7)	1,028,140 (7)	13,560,007 (7)	..	..
Goods carried	10,507,006	3,550,556	1,384,062	4,934,618	15,441,624	726,526	1,160,359	17,328,509	..	..
Non-revenue:										
Hours flown	803	673	265	938	1,741	5	-	1,746	..	..
Passengers carried .....	..	135	-	135	..	753	713	..	..	..
Goods carried .....	..	15,959	-	15,959	..	9,700	67,196	..	..	..
Passenger-miles	12,328,623	71,319	-	71,319	12,399,942	29,408	565,781	12,995,131	..	..
Goods ton-miles	484,265	10,040	-	10,040	494,305	260	23,719	518,284	..	..
Fuel consumed:										
Turbo fuel - Quantity	13,867,140	-	12,476	12,476	13,879,616	128,549	1,959,198	15,967,363	..	..
Cost	1,982,407	-	3,463	3,463	1,985,870	26,174	292,715	2,304,759	..	..
Gasoline - Quantity	729,939	358,189	91,765	449,954	1,179,893	84,926	254,408	1,519,227	..	..
Cost	240,141	134,942	37,912	172,854	412,995	21,374	60,278	494,647	..	..
Oil consumed:										
Turbo aircraft - Quantity .. gal.	4,492	-	2	2	4,494	4	83	4,581	..	..
Cost	37,959	-	30	30	37,989	26	683	38,698	..	..
Other aircraft - Quantity .. gal.	7,788	5,901	1,523	7,424	15,212	799	1,810	17,821	..	..
Cost	7,907	11,469	2,015	13,484	21,391	615	1,417	23,423	..	..
Average number of employees:										
Flying personnel	2,124	344	212	556	2,680	..	..	..	..	..
Other personnel	13,222	792	463	1,255	14,477	..	..	..	..	..
Totals	15,346	1,136	675	1,811	17,157	231	753	18,141	..	..
Salaries and wages paid:										
Flying personnel	1,557,054	205,226	95,532	300,758	1,857,812	..	..	..	..	..
Other personnel	6,265,518	339,230	174,224	513,454	6,778,972	..	..	..	..	..
Totals	7,822,572	544,456	269,756	814,212	8,636,784	119,870	329,205	9,085,859	..	..

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation

services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group
January 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	15,297,812	577,933	15,875,745	233,529	30,317	263,846	16,139,591	
Express	278,300	35,701	314,001	7,435	3,667	11,102	325,103	
Freight	740,138	92,614	832,752	57,711	2,923	60,634	893,386	
Excess baggage	89,296	10,241	99,537	4,172	744	4,916	104,453	
Mail	1,038,149	115,255	1,173,404	105,614	5,665	111,279	1,284,683	
Total unit toll transportation ..	17,463,695	831,744	18,295,439	408,461	43,316	451,777	18,747,216	
Bulk transportation	162,218	249,680	411,898	488,960	233,904	722,864	1,134,762	
Total transportation	17,625,913	1,081,424	18,707,337	897,421	277,220	1,174,641	19,881,978	
Other flying services	153	1,081,424	1,081,424	129,328	54,120	183,448	183,601	
Total flying services	17,626,066	1,081,424	18,707,490	1,026,749	331,340	1,358,089	20,065,579	
Non-flying services	166,540	8,690	175,230	78,846	61,129	139,975	315,205	
Total operating revenues	17,792,606	1,090,114	18,882,720	1,105,595	392,469	1,498,064	20,380,784	
Operating expenses:								
Flying operations	4,558,926	393,882	4,952,808	480,191	199,690	679,881	5,632,689	
Maintenance	4,195,242	333,916	4,529,158	397,161	147,035	544,196	5,073,354	
General services and administration:								
Passenger service	1,472,978	30,494	1,503,472	..	..	..	..
Aircraft and traffic servicing ..	2,889,518	173,267	3,062,785	..	..	..	..
Promotion and sales	3,021,394	90,889	3,112,283	..	..	..	..
General administration	868,245	91,100	959,345	..	..	..	..
Totals	8,252,135	385,750	8,637,885	296,215	110,088	406,303	9,044,188	
Depreciation and amortization ..	2,104,690	120,199	2,224,889	130,789	78,059	208,848	2,433,737	
Total operating expenses	19,110,993	1,233,747	20,344,740	1,304,356	534,872	1,839,228	22,183,968	
Operating income (loss)	Dr. 1,318,387	Dr. 143,633	Dr. 1,462,020	Dr. 198,761	Dr. 142,403	Dr. 341,164	Dr. 1,803,184	
Non-operating income - Net:								
Capital gains and losses	-	Dr. 1,455	Dr. 1,455	Dr. 3,557	Dr. 339	Dr. 3,218	Dr. 4,673	
Interest and discounts	161,823	608	162,431	1,237	130	1,107	163,538	
Miscellaneous non-operating income ..	348	346	694	1,853	858	2,711	3,405	
Income before interest expense	Dr. 1,156,216	Dr. 144,134	Dr. 1,300,350	Dr. 199,228	Dr. 141,336	Dr. 340,564	Dr. 1,640,914	
Interest expense	992,021	42,427	1,034,448	29,546	12,423	41,969	1,076,417	
Income before income taxes	Dr. 2,148,237	Dr. 186,561	Dr. 2,334,798	Dr. 228,774	Dr. 153,759	Dr. 382,533	Dr. 2,717,331	
Provision for income taxes	-	-	-	5,155	58	5,213	5,213	
Net income after income taxes	Dr. 2,148,237	Dr. 186,561	Dr. 2,334,798	Dr. 233,929	Dr. 153,817	Dr. 387,746	Dr. 2,722,544	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

January 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,232,430	70,529	148,034	231,746	127,624	12,065,382	15,875,745	
Express	14,445	-	5,473	28,288	1,940	263,855	314,001	
Freight	146,506	37,530	34,916	-	20,168	593,632	832,752	
Excess baggage	27,799	939	3,021	4,677	1,584	61,497	99,537	
Mail	187,373	20,087	40,047	35,421	19,700	870,776	1,173,404	
Total unit toll transportation ..	3,608,553	129,105	231,491	300,132	171,016	13,855,142	18,295,439	
Bulk transportation	33,117	12,009	55,593	1,785	180,293	129,101	411,898	
Total transportation	3,641,670	141,114	287,084	301,917	351,309	13,984,243	18,707,337	
Other flying services	-	-	-	-	-	153	153	
Total flying services	3,641,670	141,114	287,084	301,917	351,309	13,984,396	18,707,490	
Non-flying services	65,117	3,600	1,848	1,626	1,616	101,423	175,230	
Total operating revenues	3,706,787	144,714	288,932	303,543	352,925	14,085,819	18,882,720	
Operating expenses:								
Flying operations	1,571,516	64,930	121,626	77,580	129,746	2,987,410	4,952,808	
Maintenance	672,476	44,582	80,363	82,065	126,906	3,522,766	4,529,158	
General services and administrations:								
Passenger service	360,299	3,757	8,423	5,801	12,513	1,112,679	1,503,472	
Aircraft and traffic servicing	489,521	28,757	94,835	28,722	20,953	2,399,997	3,062,785	
Promotion and sales	742,452	5,305	12,644	48,556	24,384	2,278,942	3,112,283	
General administration	176,719	18,334	31,165	25,410	16,291	691,526	959,345	
Totals	1,768,991	56,153	147,087	108,389	74,141	6,483,144	8,637,885	
Depreciation and amortization	187,844	25,753	40,469	30,975	23,002	1,916,846	2,224,889	
Total operating expenses	4,200,827	191,418	389,525	299,009	353,795	14,910,166	20,344,740	
Operating income (loss)	Dr. 494,040	Dr. 46,704	Dr. 100,593	4,534	Dr. 870	Dr. 824,347	Dr. 1,462,020	
Non-operating income - Net:								
Capital gains and losses	-	-	-	Dr. 1,455	-	-	Dr. 1,455	
Interest and discounts	35,480	575	-	-	33	126,343	162,431	
Miscellaneous non-operating income ..	Dr. 16,475	103	86	157	-	16,823	694	
Income before interest expense	Dr. 475,035	Dr. 46,026	Dr. 100,507	3,236	Dr. 837	Dr. 681,181	Dr. 1,300,350	
Interest expense	-	5,668	14,128	14,114	8,517	992,021	1,034,448	
Income before income taxes	Dr. 475,035	Dr. 51,694	Dr. 114,635	Dr. 10,878	Dr. 9,354	Dr. 1,673,202	Dr. 2,334,798	
Provision for income taxes	-	-	-	-	-	-	-	
Net income after income taxes	Dr. 475,035	Dr. 51,694	Dr. 114,635	Dr. 10,878	Dr. 9,354	Dr. 1,673,202	Dr. 2,334,798	

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

January 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures	1,789	11,150	12,939	584	806	1,069	738	3,197	16,136
Revenue hours flown	3,690	14,350	18,040	531	845	943	853	3,172	21,212
Revenue miles scheduled	1,202,405	3,838,058	5,040,463	26,560	111,935	82,930	30,780	252,205	5,292,668
Revenue miles flown:									
Scheduled services - Regular	1,177,428	3,755,147	4,932,575	21,874	96,809	75,348	28,804	222,835	5,155,410
Extra section	18,763	158,746	177,509	1,243	10,378	12,432	1,140	23,393	202,902
Non-scheduled services	44,949	-	44,949	66,427	12,245	75,718	85,510	239,900	284,849
Totals	1,241,140	3,913,893	5,155,033	89,344	119,632	163,498	115,454	488,128	5,643,161
Ratio of regular miles flown to miles scheduled	97.9	97.8	97.9	82.4	86.5	90.9	93.6	88.4	97.4
Revenue passengers carried	35,454	303,686	339,140	3,669	6,685	8,448	3,631	22,433	361,573
Revenue goods carried:									
Express	65,290	726,009	791,299	-	17,357	130,558	9,269	157,184	948,483
Freight	324,571	3,550,386	3,874,957	640,323	352,545	-	113,791	1,106,659	4,991,616
Excess baggage	-	-	-	9,420	12,772	25,010	9,181	56,383	56,383(2)
Mail	170,371	2,512,421	2,682,792	106,910	135,915	296,210	69,982	609,017	3,291,809
Totals	560,232	6,788,816	7,349,048	756,653	518,589	451,778	202,223	1,929,243	9,278,291
Revenue passenger-miles:									
Scheduled services	58,189,540	194,217,279	252,406,819	287,392	1,775,653	1,557,273	341,136	3,961,454	256,368,273
Non-scheduled services	933,244	-	933,244	405,912	38,196	1,279,432	1,035,715	2,759,255	3,692,499
Totals	59,122,784	194,217,279	253,340,063	693,304	1,813,849	2,836,705	1,376,851	6,720,709	260,060,772
Available seat-miles on scheduled services	138,233,972	346,807,848	485,041,820	1,008,948	4,677,630	2,798,872	672,321	9,157,771	494,199,591
Passenger load factor on scheduled services	42.1	56.0	52.0	28.5	38.0	55.6	50.7	43.3	51.9
Revenue goods ton-miles:									
Express - Scheduled services	16,277	272,007	288,284	-	4,593	6,709	701	12,003	300,287
Non-scheduled services	688	-	688	-	-	7,998	1,599	9,597	10,285
Totals	16,965	272,007	288,972	-	4,593	14,707	2,300	21,600	310,572
Freight - Scheduled services	402,764	2,185,104	2,587,868	5,071	81,271	-	2,023	88,365	2,676,233
Non-scheduled services	1,062	-	1,062	130,893	9,648	-	18,661	159,202	160,264
Totals	403,826	2,185,104	2,588,930	135,964	90,919	-	20,684	247,567	2,836,497

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

January 1963

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	32,782	121,474	154,256	302	1,672	2,814	323	5,111	159,367
Non-scheduled services	58	-	58	785	101	2,091	1,229	4,206	4,264
Totals	32,840	121,474	154,314	1,087	1,773	4,905	1,552	9,317	163,631
Mail - Scheduled services	136,337	1,065,831	1,202,168	3,609	34,136	1,561	1,763	41,069	1,243,237
Non-scheduled services	3,756	-	3,756	8,137	853	26,343	7,350	42,683	46,439
Totals	140,093	1,065,831	1,205,924	11,746	34,989	27,904	9,113	83,752	1,289,676
Total - Scheduled services	588,160	3,644,416	4,232,576	8,982	121,672	11,084	4,810	146,548	4,379,124
Non-scheduled services	5,564	-	5,564	139,815	10,602	36,432	28,839	215,688	221,252
Totals	593,724	3,644,416	4,238,140	148,797	132,274	47,516	33,649	362,236	4,600,376
Available ton-miles on scheduled services									
Weight load factor on scheduled services(3)	17,916,212	45,783,666	63,699,878	112,947	605,054	274,412	73,716	1,066,129	64,766,007
	35.8	50.4	48.6	33.4	49.5	60.8	52.8	52.1	49.6
Bulk:									
Revenue - Departures	6	48	54	55	543	2	367	967	1,021
Hours flown	24	137	161	58	534	5	640	1,237	1,398
Miles flown	9,320	45,277	54,597	8,260	58,225	1,002	106,069	173,556	228,153
Passengers carried	263	1,374	1,637	175	1,078	36	663	1,952	3,589
Freight carried	-	-	-	327,263	230,244	-	671,208	1,228,715	1,228,715
Non-transportation services:									
Specialty flying:	-	1	1	-	-	-	-	-	1
Revenue hours flown	No.								
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,795	11,198	12,993	639	1,349	1,071	1,105	4,164	17,157
Hours flown	3,714	14,488	18,202	589	1,379	948	1,493	4,409	22,611
Miles flown	1,250,460	3,959,170	5,209,630	97,804	177,857	164,500	221,523	661,684	5,871,314
Passengers carried	35,717	305,060	340,777	3,844	7,763	8,484	4,294	24,385	365,162
Cargo carried	389,861	4,276,395	4,666,256	967,586	600,146	130,558	794,268	2,492,558	7,158,814
Goods carried	560,232	6,788,816	7,349,048	1,083,916	748,833	451,778	873,431	3,157,958	10,507,006

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

January 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	182	347	529	15	54	34	171	274	803
Passengers carried	1,078	..	..	180	202	208	66	656	..
Goods carried	101,682	..	..	13,646	30,445	-	12,349	56,440	..
Passenger-miles	1,831,880	10,267,969	12,099,849	33,155	90,016	61,782	43,821	228,774	12,328,623
Goods ton-miles	138,260	327,579	465,839	3,059	12,171	-	3,196	18,426	484,265
Fuel consumed:									
Turbo fuel - Quantity	3,252,638	10,455,344	13,707,982	56,143	-	103,015	-	159,158	13,867,140
Cost	554,881	1,398,052	1,952,933	11,324	-	18,150	-	29,474	1,982,407
Gasoline - Quantity	317,812	32,132	349,944	52,920	128,789	20,932	177,354	379,995	729,939
Cost	90,086	9,949	100,035	16,588	46,527	12,263	64,728	140,106	240,141
Oil consumed:									
Turbo aircraft - Quantity ..	576	3,309	3,885	-	-	607	-	607	4,492
Cost	4,587	32,866	37,453	-	-	506	-	506	37,959
Other aircraft - Quantity ..	3,968	385	4,353	687	1,486	537	725	3,435	7,788
Cost	3,533	377	3,910	741	1,857	674	725	3,997	7,907
Average number of employees:									
Flying personnel	456	1,475	1,931	28	68	35	62	193	2,124
Other personnel	2,119	10,164	12,283	132	319	240	248	939	13,222
Totals	2,575	11,639	14,214	160	387	275	310	1,132	15,346
Salaries and wages paid:									
Flying personnel	358,470	1,064,970	1,423,440	20,160	51,557	23,670	38,227	133,614	1,557,054
Other personnel	916,224	4,969,545	5,885,769	47,700	148,563	90,890	92,596	379,749	6,265,518
Totals	1,274,694	6,034,515	7,309,209	67,860	200,120	114,560	130,823	513,363	7,822,572

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

January 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	29,987	3,297	6,142	8,448	3,178	264,018	315,070
Domestic interline	2,525	372	-	-	-	39,668	45,241
Foreign interline	2,676	-	-	-	-	-	-
Totals(2)	35,188	3,669	6,142	8,448	3,178	303,686	360,311
Revenue express carried:							
Originated	65,290	-	17,357	130,558	9,269	726,009	948,483
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	65,290	-	17,357	130,558	9,269	726,009	948,483
Revenue freight carried:							
Originated	259,019	515,420	320,580	-	51,271	3,550,386	4,696,676
Domestic interline	18,089	-	-	-	-	-	18,089
Foreign interline	19,275	-	-	-	-	-	19,275
Totals(2)	296,383	515,420	320,580	-	51,271	3,550,386	4,734,040
Revenue excess baggage carried:							
Originated .....	..	9,420	12,445	25,010	6,396	..	53,271(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	9,420	12,445	25,010	6,396	..	53,271(3)
Revenue mail carried:							
Originated	170,371	106,910	132,160	296,210	19,077	2,512,421	3,237,149
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	170,371	106,910	132,160	296,210	19,077	2,512,421	3,237,149

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service
January 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	1,739	399	420	123	2,681	10,258	12,939
Revenue hours flown	2,547	1,460	1,164	847	6,018	12,022	18,040
Revenue miles scheduled	580,303	619,182	456,603	337,810	1,993,898	3,046,565	5,040,463
Revenue miles flown:							
Scheduled services - Regular	557,641	603,094	456,603	335,043	1,952,381	2,980,194	4,932,575
Extra sections	16,129	31,685	40,903	8,301	97,018	80,491	177,509
Non-scheduled services	-	-	-	-	-	44,949	44,949
Totals	573,770	634,779	497,506	343,344	2,049,399	3,105,634	5,155,033
Ratio of regular miles flown to miles scheduled	96.1	97.4	100.0	99.2	97.9	97.8	97.9
Revenue passengers carried .....	...	...	...	...	108,096	231,044	339,140
Revenue cargo carried .....	...	...	...	...	2,121,982	2,544,274	4,666,256
Revenue mail carried .....	...	...	...	...	349,577	2,333,215	2,682,792
Revenue passenger-miles	26,109,435	33,190,790	30,332,918	17,309,597	106,942,740	146,397,323	253,340,063
Available seat-miles on scheduled services	42,827,248	82,634,842	63,114,793	41,513,900	230,090,783	254,951,037	485,041,820
Passenger load factor on scheduled services ...	61.0	40.2	48.1	41.7	46.5	57.1	52.0
Revenue goods ton-miles:							
Express	46,701	-	-	-	46,701	242,271	288,972
Freight	202,142	652,017	224,279	170,795	1,249,233	1,339,697	2,588,930
Excess baggage	14,758	21,163	26,192	6,893	69,006	85,308	154,314
Mail	35,799	186,082	36,235	59,900	318,016	887,908	1,205,924
Totals	299,400	859,262	286,706	237,588	1,682,956	2,555,184	4,238,140
Available ton-miles on scheduled services	5,130,002	11,087,634	8,847,028	5,256,742	30,321,406	33,378,472	63,699,878
Weight load factor on scheduled services(1) ...	56.7	37.7	37.5	37.4	40.8	51.2	46.3

(1) Standard passenger weight used: 200 pounds.

TABLE 8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV

January 1963

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TABLE 1. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

January 1963

	Month		Year to date		Month (1)	Year to date
	Revenue hours	Revenue	Revenue hours	Revenue		
	No.	\$	No.	\$		
Flying training	1,558	28,148			764	
Recreational flying	438	6,782			98	
Aerial photography and survey	78	18,561				
Aerial photography (excluding survey)	35	949			115	
Aerial pest control	-	-			86	
Aerial advertising	-	-			201	
Aerial patrol and inspection	652	53,635				
Philanthropic	-	-				
Aerial fish cultivation	-	-				
Geophysical survey	338	50,231				
Non-transportation charter	116	18,131				
Other specialty flying	26	6,252				
Total specialty flying	3,241	182,689				
Revenue hours flown No.						
Average number of aircraft "						
Average number of employees:						
Flying personnel "						
Other personnel "						
Totals "						
Salaries and wages paid:						
Flying personnel \$						
Other personnel \$						
Totals \$						
Operating revenues:						
Bulk transportation \$						
Other flying services \$						
Non-flying services \$						
Totals \$						
Operating expenses:						
Flying operations \$						
Maintenance \$						
General services and administration \$						
Depreciation and amortization \$						
Totals \$						
Operating income (loss) \$						
Net income (deficit) after income taxes \$						
(1) Excludes 3 carriers operating 21 helicopters.						

(1) Excludes 3 carriers operating 21 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

January 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	64,507	63,173	127,680	7,208	11,314	18,522
Bulk transportation "	218	241	459	196	1,842	2,038
Totals "	64,725	63,414	128,139	7,404	13,156	20,560
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	431,156	1,653,537	2,084,693	532,665	837,300	1,369,965
Bulk transportation "	-	-	-	5,004	-	5,004
Totals "	431,156	1,653,537	2,084,693	537,669	837,300	1,374,969
Mail carried (unit toll transportation) "	114,737	214,636	329,373	106,662	126,877	233,539
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	7,601	8,845	16,446	79,316	83,332	162,648
Bulk transportation "	-	-	-	414	2,083	2,497
Totals "	7,601	8,845	16,446	79,730	85,415	165,145
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	143,304	109,097	252,401	1,107,125	2,599,934	3,707,059
Bulk transportation "	-	-	-	5,004	-	5,004
Totals "	143,304	109,097	252,401	1,112,129	2,599,934	3,712,063
Mail carried (unit toll transportation) "	14,418	13,482	27,900	235,817	354,995	590,812
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	51,646	53,655	105,301	27,670	29,677	57,347
Bulk transportation "	313	1,067	1,380	101	1,016	1,117
Totals "	51,959	54,722	106,681	27,771	30,693	58,464
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	635,168	1,447,244	2,082,412	471,957	1,152,690	1,624,647
Bulk transportation "	-	-	-	5,004	-	5,004
Totals "	635,168	1,447,244	2,082,412	476,961	1,152,690	1,629,651
Mail carried (unit toll transportation) "	163,433	170,145	333,578	72,384	184,850	257,234

(1) Passengers and goods in transit through Canada are excluded.

as at January 15, 1963

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		22		70		298		396	
Helicopters No.	-	-	123	4	36	4	24	7	183	15
Turbo jets "	11	4	-	-	-	-	-	-	11	4
Turbo props:										
300-001 lb. and over No.	-	-	-	-	-	-	1	-	1	-
150,001-300,000 lb.	-	5	-	-	-	-	-	-	-	5
100,001-150,000 lb.	22	-	-	-	-	-	-	-	22	-
50,001-100,000 lb.	48	-	-	-	-	-	-	-	48	-
50,000 lb. and under "	4	1	-	-	-	-	-	-	4	1
Total turbo props "	74	6	-	-	-	-	1	-	75	6
Piston engines:										
Four engines:										
130,001 lb. and over No.	3	-	-	-	-	-	-	-	3	-
100,001-130,000 lb.	5	1	-	-	-	-	-	-	5	1
70,001-100,000 lb.	8	1	3	1	-	1	-	-	11	3
50,001-70,000 lb.	1	-	1	-	-	-	-	-	2	-
50,000 lb. and under "	-	-	-	-	-	-	-	-	-	-
Total four engines "	17	2	4	1	-	1	-	-	21	4
One or two engines:										
40,001 lb. and over No.	15	2	2	5	1	1	-	-	18	8
25,001-40,000 lb.	22	1	31	4	7	1	5	-	65	6
20,001-25,000 lb.	-	-	2	-	-	-	-	-	2	-
15,001-20,000 lb.	-	-	22	-	-	-	2	-	24	-
10,001-15,000 lb.	1	-	3	-	7	-	1	-	12	-
7,501-10,000 lb.	10	-	44	-	40	-	20	-	114	-
5,001-7,500 lb.	25	-	63	2	56	2	33	2	177	6
4,001-5,000 lb.	1	-	7	-	7	1	9	3	24	4
3,001-4,000 lb.	-	-	16	2	22	1	52	6	90	9
2,001-3,000 lb.	5	-	31	5	117	10	242	37	395	52
2,000 lb. and under "	1	-	13	-	87	4	388	31	489	35
Total one or two engines ..	80	3	234	18	344	20	752	79	1,410	120
Grand total "	182	15	361	23	380	25	777	86	1,700	149

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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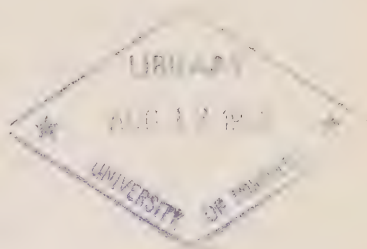
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CIVIL AVIATION

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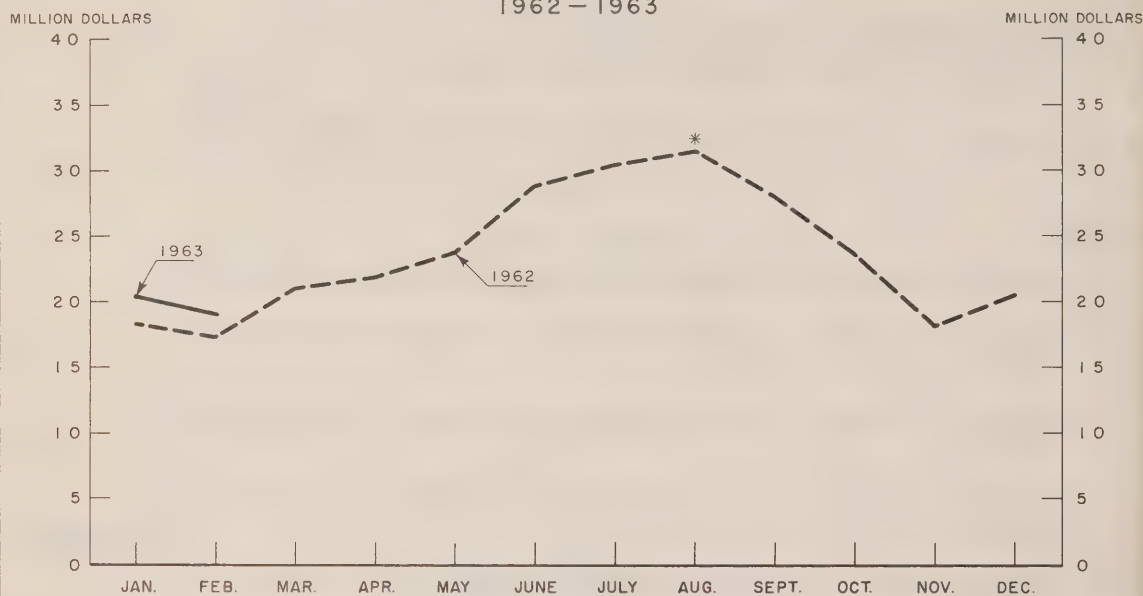
SYMBOLS

The Interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available
- ... Figures not appropriate or not applicable.
- Nil or Zero.

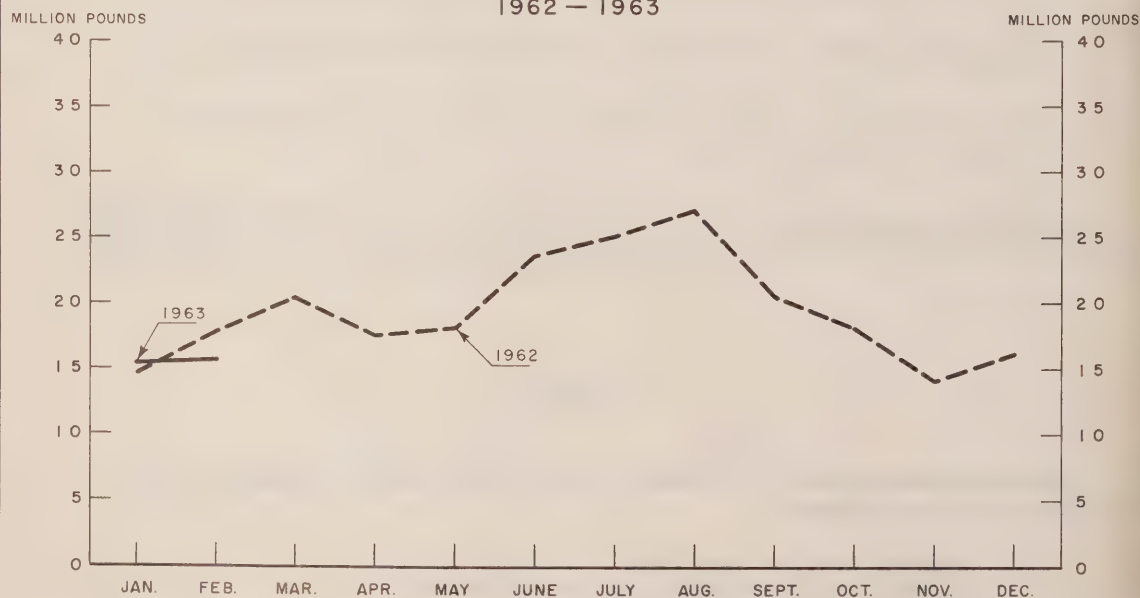
OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of February operations

In February 1963, Canadian air carriers transported 0.3 per cent more revenue passengers, but 11.4 per cent less revenue goods than in February 1962. Passengers carried increased to 359,906 from 358,731, while goods flown decreased to 15,781,890 lbs. from 17,811,282 lbs. Revenue miles flown were virtually unchanged, amounting to 6,522,317 as against 6,465,961. Both operating revenues and expenses registered increases. Revenues rose 10 per cent to \$19,087,643 from \$17,351,289 and expenses 5.1 per cent to \$21,257,414 from \$20,229,689. As a result, the operating loss for the month decreased to \$2,169,771 from \$2,878,400. The deficit, after provision for income taxes and other charges, amounted to \$2,953,886, considerably lower than the deficit of \$4,220,356 reported in February of the previous year.

For the first two months of 1963 fewer revenue passengers and less revenue freight was carried than during the same period of 1962. The number of revenue passengers transported decreased slightly to 750,605 from 752,628 and the volume of goods dropped 2.7 per cent to 31,481,708 lbs. from 32,370,441 lbs. The operating revenues rose 10.5 per cent to \$39,489,070 from \$35,727,738, while the operating expenses increased 4.5 per cent to \$43,471,292 from \$41,594,282.

In February, the six scheduled carriers transported 335,846 revenue passengers or 93.3 per cent of the total number carried and 10,842,249 lbs. of revenue goods or 68.7 per cent of the total. Corresponding figures for February 1962, are 333,590 revenue passengers or 93 per cent of the total carried and 13,390,786 lbs. of goods or 75.2 per cent of the total. The scheduled carriers also reported operating revenues of \$17,576,365 or 92.1 per cent of the total and operating expenses of \$19,284,834 or 90.7 per cent of the total. Corresponding figures for the previous February are 90.8 per cent and 89.4 per cent, respectively.

Foreign carriers licensed to operate in Canada transported 5.2 per cent fewer revenue passengers and 4.4 per cent less revenue goods in February, 1963 than in the same period of 1962. The number of revenue passengers carried decreased to 51,266 from 54,096 and the volume of revenue goods flown dropped to 1,893,847 lbs. from 1,980,150 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

February 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)			Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)				
	Group I and II(1)	Group III(1)	Group IV	Total							
Number of carriers reporting ...	6	20	60	80		86	9	9	104	...	
Transportation services:											
Unit toll:											
Revenue departures	14,749	2,537	552	3,089		17,838	..	..	..	..
Revenue hours flown	19,194	2,447	373	2,820		22,014	268	618	22,900	47,973	
Revenue miles scheduled	4,902,677	...	...	...		4,902,677	67,933	243,500	5,241,110	10,915,123
Revenue miles flown:											
Scheduled services	4,872,955(4)	...	...	...		4,872,955(4)	66,196	257,342	5,196,493(4)	10,939,483(4)
Non-scheduled services ...	259,527(4)	291,100	45,071	336,171		595,698(4)	-	-	595,698(4)	1,226,240(4)	
Totals	5,132,482	291,100	45,071	336,171		5,468,653	66,196	257,342	5,792,191	12,165,723	
Revenue passengers carried	331,523	7,613	1,411	9,024		340,547	39,822	11,221	391,590	821,817	
Revenue goods carried:											
Cargo	5,762,133	387,113	130,276	517,389		6,279,522	602,069	1,068,443	8,008,505	16,182,209	
Excess baggage	47,121(5)	6,400	4,950	11,350		58,471(5)	-	-	-	7,414,960	
Mail	3,166,436	238,963	17,724	256,887		3,423,123	114,804	108,531	3,646,458	23,597,169	
Totals	8,975,690	632,476	152,950	785,426		9,761,116	716,873	1,176,974	11,654,963	524,434,236	
Revenue passenger-miles	239,116,171	1,728,618	85,975	1,814,593		240,930,764	1,679,522	7,300,773	249,911,059	524,434,236	
Revenue goods ton-miles:											
Cargo	3,129,165	53,878	5,365	59,243		3,188,408	13,723	388,127	3,744,117	7,548,252	
Excess baggage	150,259	3,397	203	3,600		153,859	-	-	-	2,693,748	
Mail	1,220,121	41,255	1,220	42,475		1,262,596	2,311	42,894	1,307,801	10,242,000	
Totals	4,499,545	98,530	6,788	105,318		4,604,863	16,034	431,021	5,051,918	...	
Bulk:											
Revenue - Departure	1,125	3,888	5,386	9,274		10,399	..	..	..	..
Hours flown	1,458	4,279	3,344	7,623		9,081	-	9	9,090	17,988	
Miles flown	234,015	443,987	375,662	819,649		1,053,664	-	2,550	1,056,214	2,111,436	
Passengers carried ..	4,323	7,623	7,413	15,036		19,359	-	223	19,582	38,518	
Freight carried .. lb.	1,866,559	2,713,790	1,440,425	4,154,215		6,020,774	-	-	6,020,774	11,665,271	
Non-transportation services:											
Specialty flying:											
Revenue hours flown	4	1,355	2,521	3,876		3,880	-	-	3,880	7,121	

See footnotes at end of table.

February 1963

- 7 -

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	15,874	6,425	5,938	12,363	28,237	..	..	..	..	..
Hours flown	20,656	8,081	6,238	14,319	34,975	268	627	35,870	73,082	..
Miles flown	5,366,497	735,087	420,733	1,155,820	6,522,317	66,196	259,892	6,848,405	14,277,159	..
Passengers carried	335,846	15,236	8,824	24,060	359,906	39,822	11,444	411,172	860,335	..
Cargo carried	7,628,692	3,100,903	1,570,701	4,671,604	12,300,296	602,069(7)	1,068,443(7)	14,029,279(7)	27,847,480(7)	..
Goods carried	10,842,249	3,346,266	1,593,375	4,939,641	15,781,890	716,873	1,176,974	17,675,737	35,262,440	..
Non-revenue:										
Hours flown	758	501	233	734	1,492	1	-	1,493	3,239	..
Passengers carried .....	..	217	9	226	..	635	422	..	..	..
Goods carried .....	..	19,183	-	19,183	..	8,550	58,200	..	..	..
Passenger-miles	9,009,574	110,336	1,021	111,357	9,120,931	25,335	305,981	9,452,247	22,447,378	..
Goods ton-miles	450,032	10,316	-	10,316	460,348	150	18,889	479,387	997,671	..
Fuel consumed:										
Turbo fuel - Quantity	12,753,908	-	7,255	7,255	12,761,163	92,826	1,882,927	14,736,916	30,704,279	..
Cost	1,829,538	-	1,978	1,978	1,831,516	17,521	273,244	2,122,281	4,427,040	..
Gasoline - Quantity	778,606	380,083	90,738	470,821	1,249,427	35,107	188,931	1,473,465	2,999,846	..
Cost	244,546	146,138	39,525	185,663	430,209	8,721	41,416	480,346	978,376	..
Oil consumed:										
Turbo aircraft - Quantity ..	3,822	-	1	1	3,823	14	61	3,898	8,479	..
Cost	32,993	-	15	15	33,008	88	514	33,610	72,308	..
Other aircraft - Quantity ..	8,646	5,367	1,323	6,690	15,336	196	1,290	16,822	34,702	..
Cost	9,527	9,839	1,876	11,715	21,242	151	987	22,380	45,877	..
Average number of employees:										
Flying personnel	2,109	346	210	556	2,665	..	..	..	..	..
Other personnel	13,231	781	455	1,236	14,467	..	..	..	..	..
Totals	15,340	1,127	665	1,792	17,132	232	751	18,115	18,142	..
Salaries and wages paid:										
Flying personnel	1,557,634	223,151	93,950	317,101	1,847,735	..	..	..	..	..
Other personnel	5,766,830	335,208	170,355	505,563	6,272,393	..	..	..	..	..
Totals	7,324,464	558,359	264,305	822,664	8,147,128	112,027	326,953	8,586,108	17,685,374	..

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

February 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
							dollars	
Operating revenues:								
Unit toll transportation:								
Passengers	14,090,987	487,747	14,578,734	191,998	16,062	208,060	14,786,794	30,926,385
Expresses	256,402	37,411	293,813	9,857	2,499	12,356	306,169	631,272
Freight	751,910	118,358	870,268	52,089	5,624	57,713	927,981	1,821,367
Excess baggage	96,560	9,236	105,796	3,437	284	3,721	109,517	213,970
Mail	1,007,412	114,276	1,121,688	108,249	5,162	113,411	1,235,099	2,519,782
Total unit toll transportation ..	16,203,271	767,028	16,970,299	365,630	29,631	395,261	17,365,560	36,112,776
Bulk transportation	190,025	246,362	436,387	551,184	241,722	792,906	1,229,293	2,383,441
Total transportation	16,393,296	1,013,390	17,406,686	916,814	271,353	1,188,167	18,594,853	38,496,217
Other flying services	1,071	-	1,071	1,079,534	62,781	225,501	226,572	410,173
Total flying services	16,394,367	1,013,390	17,407,757	1,079,534	334,134	1,413,668	18,821,425	38,906,390
Non-flying services	158,847	9,761	168,608	50,861	46,749	97,610	266,218	582,680
Total operating revenues	16,553,214	1,023,151	17,576,365	1,130,395	380,883	1,511,278	19,087,643	39,489,070
Operating expenses:								
Flying operations	4,266,797	412,508	4,679,305	543,889	190,820	734,709	5,414,014	11,056,968
Maintenance	3,928,138	325,946	4,254,084	421,521	167,766	589,287	4,843,371	9,927,152
General services and administration:								
Passenger service	1,346,701	28,861	1,375,562	..	..	..	..	..
Aircraft and traffic servicing	2,680,952	172,111	2,853,063	..	..	..	..	..
Promotion and sales	2,914,864	88,367	3,003,231	..	..	..	..	..
General administration	800,011	88,517	888,528	..	..	..	..	..
Totals	7,742,528	377,856	8,120,384	306,162	120,016	426,178	8,546,562	17,595,225
Depreciation and amortization	2,123,133	107,928	2,231,061	146,754	81,652	222,406	2,453,467	4,891,947
Total operating expenses	18,060,596	1,224,238	19,284,834	1,412,326	560,254	1,972,580	21,257,414	43,471,292
Operating income (loss)	Dr. 1,507,382	Dr. 201,087	Dr. 1,708,469	Dr. 281,931	Dr. 179,371	Dr. 461,302	Dr. 2,169,771	Dr. 3,982,222
Non-operating income - Net:								
Capital gains and losses	-	61,344	61,344	37,351	-	37,351	98,695	94,793
Interest and discounts	67,550	577	68,127	1,188	198	1,386	69,513	233,051
Miscellaneous non-operating income ..	11,453	6,234	17,687	1,622	2,998	1,376	19,063	22,358
Income before interest expense	Dr. 1,428,379	Dr. 132,932	Dr. 1,561,311	Dr. 245,014	Dr. 176,175	Dr. 421,189	Dr. 1,882,500	Dr. 3,632,020
Interest expense	889,548	39,971	929,519	28,578	12,988	41,566	971,085	2,048,101
Income before income taxes	Dr. 2,317,927	Dr. 172,903	Dr. 2,490,830	Dr. 273,592	Dr. 189,163	Dr. 462,755	Dr. 2,953,585	Dr. 5,680,121
Provision for income taxes	-	-	-	146	155	301	301	5,853
Net income after income taxes	Dr. 2,317,927	Dr. 172,903	Dr. 2,490,830	Dr. 273,738	Dr. 189,318	Dr. 463,056	Dr. 2,953,886	Dr. 5,685,974

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

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	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	3,212,969	55,865	138,451	179,056	114,375	10,878,018	14,578,734	30,454,479
Express	13,508	6,746	51,777	29,338	1,327	242,894	293,813	607,814
Freight	193,296	47,341	51,777	-	19,240	558,614	870,268	1,703,020
Excess baggage	28,162	775	3,001	4,208	1,252	68,398	105,796	205,333
Mail	167,836	19,271	41,515	33,213	20,277	839,376	1,121,688	2,299,092
Total unit toll transportation ..	3,615,771	123,252	241,490	245,815	156,471	12,587,500	16,970,299	35,265,738
Bulk transportation	62,588	23,143	49,537	-	153,682	127,437	436,387	848,285
Total transportation	3,678,359	146,395	311,027	245,815	310,153	12,714,937	17,406,686	36,114,023
Other flying services	-	-	-	-	-	1,071	1,071	1,224
Total flying services	3,678,359	146,395	311,027	245,815	310,153	12,716,008	17,407,757	36,115,247
Non-flying services	44,967	8,194	Dr.	2,097	1,239	113,880	168,608	343,838
Total operating revenues	3,723,326	154,589	309,258	247,912	311,392	12,829,888	17,576,365	36,459,085
Operating expenses:								
Flying operations	1,478,411	75,012	128,837	84,485	124,174	2,788,386	4,679,305	9,632,113
Maintenance	648,523	45,053	84,518	76,784	119,591	3,279,615	4,254,084	8,783,242
General services and administrations:								
Passenger service	362,005	4,306	9,410	5,388	9,757	984,696	1,375,562	2,879,034
Aircraft and traffic servicing	500,737	31,409	92,647	26,553	21,502	2,180,215	2,853,063	5,915,848
Promotion and sales	743,073	5,623	12,067	48,301	22,376	2,171,791	3,003,231	6,115,514
General administration	184,155	16,876	30,757	24,892	15,992	615,856	888,528	1,847,873
Totals	1,789,970	58,214	144,881	105,134	69,627	5,952,558	8,120,384	16,758,269
Depreciation and amortization	186,477	25,069	27,580	30,966	24,313	1,936,656	2,231,061	4,455,950
Total operating expenses	4,103,381	203,348	385,816	297,369	337,705	13,957,215	19,284,834	39,629,574
Operating income (loss)	Dr. 380,055	Dr. 48,759	Dr. 76,558	Dr. 49,457	Dr. 26,313	Dr. 1,127,327	Dr. 1,708,469	Dr. 3,170,489
Non-operating income - Net:								
Capital gains and losses	-	63,078	Dr. 2,409	675	-	-	61,344	59,889
Interest and discounts	32,836	501	-	40	36	34,714	68,127	230,558
Miscellaneous non-operating income ..	Dr. 7,384	60	6,690	Dr. 516	-	18,837	17,687	18,381
Income before interest expense	Dr. 354,603	14,880	Dr. 72,277	Dr. 49,258	Dr. 26,277	Dr. 1,073,776	Dr. 1,561,311	Dr. 2,861,661
Interest expense	-	4,779	13,704	13,505	7,983	889,548	929,519	1,963,967
Income before income taxes	Dr. 354,603	10,101	Dr. 85,981	Dr. 62,763	Dr. 34,260	Dr. 1,963,324	Dr. 2,490,830	Dr. 4,825,628
Provision for income taxes	-	-	-	-	-	-	-	-
Net income after income taxes	Dr. 354,603	10,101	Dr. 85,981	Dr. 62,763	Dr. 34,260	Dr. 1,963,324	Dr. 2,490,830	Dr. 4,825,628

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company
February 1963

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(L)	Quebecair Inc.(L)	Transair Ltd.(L)	
Transportation services:								
Unit toll:								
Revenue departures	No. 1,633	10,130	11,763	544	747	931	764	2,986 14,749
Revenue hours flown	" 3,351	12,994	16,345	466	757	774	852	2,849 19,194
Revenue miles scheduled	" 1,112,723	3,548,124	4,660,847	24,048	101,134	89,288	27,360	241,830 4,902,677
Revenue miles flown:								
Scheduled services - Regular	" 1,082,441	3,475,988	4,558,429	21,818	92,964	67,131	27,360	209,273 4,767,702
Extra section	" 2,767	96,924	99,691	-	5,195	367	-	5,562 105,253
Non-scheduled services	" 41,864	-	41,864	56,662	13,301	60,621	87,079	217,663 259,527
Totals	" 1,127,072	3,572,912	4,699,984	78,480	111,460	128,119	114,439	432,498 5,132,482
Ratio of regular miles flown to miles scheduled	97.3	98.0	97.8	90.7	91.9	75.2	100.0	86.5 97.2
Revenue passengers carried	No. 33,491	278,717	312,208	3,483	5,848	6,603	3,381	19,315 331,523
Revenue goods carried:								
Express	lb. 59,770	646,198	705,968	-	16,085	130,485	8,880	155,450 861,418
Freight	" 378,729	3,489,448	3,868,177	536,189	380,781	-	115,568	1,032,538 4,900,715
Excess baggage	" ..	7,341	7,341	7,341	12,184	21,266	6,330	47,121 47,121(2)
Mail	" 157,502	2,411,953	2,569,455	103,308	144,199	277,173	72,301	596,981 3,166,436
Totals	" 596,001	6,547,599	7,143,600	646,838	553,249	428,924	203,079	1,832,090 8,975,690
Revenue passenger-miles:								
Scheduled services	No. 58,436,761	174,388,001	232,824,762	278,944	1,598,889	1,130,855	274,133	3,282,821 236,107,583
Non-scheduled services	" 804,979	-	804,979	265,462	33,071	979,665	925,411	2,203,609 3,008,588
Totals	" 59,241,740	174,388,001	233,629,741	544,406	1,631,960	2,110,520	1,199,544	5,486,430 239,116,171
Available seat-miles on scheduled services	" 125,845,825	318,341,225	444,187,050	939,218	4,273,588	2,125,624	570,160	7,908,590 452,095,640
Passenger load factor on scheduled services	46.4	54.8	52.4	29.7	37.4	53.2	48.1	41.5 52.2
Revenue goods ton-miles:								
Express - Scheduled services	No. 15,358	250,408	265,766	-	4,576	6,903	665	12,144 277,910
Non-scheduled services	" 561	-	561	-	-	7,035	1,504	8,539 9,100
Totals	" 15,919	250,408	266,327	-	4,576	13,938	2,169	20,683 287,010
Freight - Scheduled services	" 515,793	2,079,103	2,594,896	5,159	111,035	-	1,808	118,002 2,712,898
Non-scheduled services	" 1,285	-	1,285	106,784	2,352	-	18,836	127,972 129,257
Totals	" 517,078	2,079,103	2,596,181	111,943	113,387	-	20,644	245,974 2,842,155

See footnotes at end of table.

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services	31,488	110,569	142,057	207	1,525	1,800	225	3,757	145,814
Non-scheduled services	66	-	66	543	5	2,865	966	4,379	4,445
Totals	31,554	110,569	142,123	750	1,530	4,665	1,191	8,136	150,259
Mail - Scheduled services	127,296	1,004,903	1,132,199	3,514	36,828	2,068	1,731	44,141	1,176,340
Non-scheduled services	3,359	-	3,359	8,085	95	24,598	7,644	40,422	43,781
Totals	130,655	1,004,903	1,135,558	11,599	36,923	26,666	9,375	84,563	1,220,121
Total - Scheduled services	689,935	3,444,983	4,134,918	8,860	153,964	10,771	4,429	178,044	4,312,962
Non-scheduled services	5,271	-	5,271	115,412	2,452	34,498	28,950	181,312	186,583
Totals	695,206	3,444,983	4,140,189	124,292	156,416	45,269	33,379	359,356	4,499,545
Available ton-miles on scheduled services	16,343,257	41,814,532	58,157,789	113,452	605,654	207,921	67,256	994,283	59,152,072
Weight load factor on scheduled services(3)	40.0	49.9	47.1	32.4	51.8	59.6	47.3	50.9	47.2
Bulk:									
Revenue - Departures	16	27	43	123	691	-	268	1,082	1,125
Hours flown	56	94	150	127	650	-	531	1,308	1,458
Miles flown	18,589	38,076	56,665	17,020	70,343	-	89,987	177,350	234,015
Passengers carried	776	1,263	2,039	90	1,518	-	676	2,284	4,323
Freight carried	-	-	-	758,362	595,552	-	512,645	1,866,559	1,866,559
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	4	4	-	-	-	-	-	4
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,649	10,157	11,806	667	1,438	931	1,032	4,068	15,874
Hours flown	3,407	13,092	16,499	593	1,407	774	1,383	4,157	20,656
Miles flown	1,145,561	3,610,988	4,756,649	95,500	181,803	128,119	204,426	609,848	5,366,497
Passengers carried	34,267	279,980	314,247	3,573	7,366	6,603	4,057	21,599	335,846
Cargo carried	438,499	4,135,646	4,574,145	1,294,551	992,418	130,485	637,093	3,054,547	7,628,892
Goods carried	596,001	6,547,599	7,143,600	1,405,200	1,148,801	428,924	715,724	3,698,649	10,842,249

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

February 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
No-revenue:									
Hours flown	164	375	539	31	38	14	136	219	758
Passengers carried	1,131	..	..	157	202	208	63	630	..
Goods carried	117,627	..	..	22,011	32,178	-	14,010	68,199	..
Passenger-miles	1,956,677	6,898,778	8,855,455	25,448	33,673	61,782	32,916	154,119	9,009,574
Goods ton-miles	163,398	264,629	428,027	6,846	10,450	-	4,709	22,005	450,032
Fuel consumed:									
Turbo fuel - Quantity	3,001,564	9,606,605	12,608,169	60,016	-	85,723	-	145,739	12,753,908
Cost	512,808	1,285,960	1,798,768	12,170	-	18,600	-	30,770	1,829,538
Gasoline - Quantity	318,267	28,393	346,660	48,314	157,364	70,149	156,119	431,946	778,606
Cost	89,062	8,784	97,846	15,523	55,893	19,798	57,486	146,700	244,546
Oil consumed:									
Turbo aircraft - Quantity .. gal.	663	2,732	3,395	-	-	427	-	427	3,822
Cost	5,644	26,870	32,514	-	-	479	-	479	32,993
Other aircraft - Quantity .. gal.	3,724	262	3,986	503	1,709	425	2,023	4,660	8,646
Cost	3,761	249	4,010	561	2,136	797	2,023	5,517	9,527
Average number of employees:									
Flying personnel	459	1,456	1,915	27	70	35	62	194	2,109
Other personnel	2,152	10,150	12,302	130	321	238	240	929	13,231
Totals	2,611	11,606	14,217	157	391	273	302	1,123	15,340
Salaries and wages paid:									
Flying personnel	394,486	1,028,282	1,422,768	19,982	52,755	23,900	38,229	134,866	1,557,634
Other personnel	899,065	4,503,824	5,402,889	48,182	142,799	89,895	83,065	363,941	5,766,830
Totals	1,293,551	5,532,106	6,825,657	68,164	195,554	113,795	121,294	498,807	7,324,464

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

February 1963

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	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	28,142	3,277	5,420	6,603	2,989	241,867	288,298
Foreign interline	2,391	206	-	-	-	36,850	42,257
Totals(2)	2,810	-	-	-	-	-	330,555
Originated	33,343	3,483	5,420	6,603	2,989	278,717	330,555
Revenue express carried:							
Originated	lb.						
Domestic interline	59,770	-	16,085	130,485	8,880	646,198	861,418
Foreign interline	-	-	-	-	-	-	-
Totals(2)	59,770	-	16,085	130,485	8,880	646,198	861,418
Revenue freight carried:							
Originated	lb.						
Domestic interline	300,096	422,511	356,834	-	50,881	3,489,448	4,619,770
Foreign interline	8,828	-	-	-	-	-	8,828
Totals(2)	20,598	-	-	-	-	-	20,598
Originated	329,522	422,511	356,834	-	50,881	3,489,448	4,649,196
Revenue excess baggage carried:							
Originated	lb.						
Domestic interline	-	7,341	12,088	21,266	5,140	-	45,835(3)
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	7,341	12,088	21,266	5,140	-	45,835(3)
Revenue mail carried:							
Originated	lb.						
Domestic interline	157,502	103,308	142,482	277,173	19,209	2,411,953	3,111,627
Foreign interline	-	-	-	-	-	-	-
Totals(2)	157,502	103,308	142,482	277,173	19,209	2,411,953	3,111,627

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service
February 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 1,613	368	415	109	2,505	9,258	11,763
Revenue hours flown	" 2,338	1,320	1,186	753	5,597	10,748	16,345
Revenue miles scheduled	" 526,584	580,811	487,196	304,192	1,898,783	2,762,064	4,660,847
Revenue miles flown:							
Scheduled services - Regular	" 509,458	569,418	481,261	298,658	1,858,795	2,699,634	4,558,429
Extra sections	" 21,496	15,462	22,420	2,767	62,145	37,546	99,691
Non-scheduled services	" -	-	-	-	-	41,864	41,864
Totals	" 530,954	584,880	503,681	301,425	1,920,940	2,779,044	4,699,984
Ratio of regular miles flown to miles scheduled	96.9	98.0	98.8	98.2	97.9	97.7	97.8
Revenue passengers carried	No. ....	....	....	....	108,520	203,688	312,208
Revenue cargo carried	lb. ....	....	....	....	2,047,029	2,527,116	4,574,145
Revenue mail carried .....	" ....	....	....	....	342,936	2,226,519	2,569,455
Revenue passenger-miles	No. 24,022,686	30,605,557	39,737,847	17,613,804	111,979,894	121,649,847	233,629,741
Available seat-miles on scheduled services	" 39,131,146	76,643,480	63,982,525	36,403,231	216,160,382	228,026,668	444,187,050
Passenger load factor on scheduled services ...	61.4	39.9	62.1	48.4	51.8	53.0	52.4
Revenue goods ton-miles:							
Express	No. 41,450	-	-	-	41,450	224,877	266,327
Freight	" 210,859	629,786	209,931	218,364	1,268,940	1,327,241	2,596,181
Excess baggage	" 16,185	20,977	31,012	5,360	73,534	68,589	142,123
Mail	" 36,316	169,256	37,285	56,015	298,872	836,686	1,135,558
Totals	" 304,810	820,019	278,228	279,739	1,682,796	2,457,393	4,140,189
Available ton-miles on scheduled services	" 4,711,114	10,273,664	8,794,067	4,628,948	28,407,793	29,749,996	58,157,789
Weight load factor on scheduled services(1) ...	57.5	37.8	48.3	44.1	45.3	49.2	47.1

(1) Standard passenger weight used: 200 pounds.

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	Month		Year to date		Month (1)	Year to date
	Revenue hours	Revenue earned	Revenue hours	Revenue earned		
	No.	\$	No.	\$		
Flying training	1,812	32,765	3,370	60,913	740	1,504
Recreational flying	530	9,336	968	16,118	96	99
Aerial photography and survey	165	30,227	243	48,788		
Aerial photography (excluding survey)	23	501	58	1,450	122	122
Aerial pest control	-	-	-	-	88	87
Aerial advertising	-	-	-	-	210	209
Aerial patrol and inspection	791	81,504	1,443	135,139		
Philanthropic	-	-	-	-	117,512	233,145
Aerial fish cultivation	-	-	-	-		
Geophysical survey	466	55,759	804	105,990	86,847	159,237
Non-transportation charter	83	16,087	199	34,218	22,240	46,149
Other specialty flying	10	530	36	6,782	25,634	56,266
Total specialty flying	3,880	226,709	7,121	409,398	134,721	261,652

Salaries and wages paid:

Flying personnel	\$	75,196	145,783
Other personnel	\$	42,316	87,362
Totals	\$	117,512	233,145

Operating revenues:

Bulk transportation	\$	86,847	159,237
Other flying services	\$	22,240	46,149
Non-flying services	\$	25,634	56,266
Totals	\$	134,721	261,652

Operating expenses:

Flying operations	\$	126,508	231,413
Maintenance	\$	95,912	175,384
General services and administration .	\$	30,998	62,467
Depreciation and amortization	\$	36,073	72,034
Totals	\$	289,491	541,298

Operating income (loss) \$ Dr. 154,770 Dr. 279,646

Net income (deficit) after income taxes \$ Dr. 123,098 Dr. 253,871

(1) Excludes 3 carriers operating 21 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

February 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	63,504	57,955	121,459	6,148	7,454	13,602
Bulk transportation "	179	-	179	1,015	389	1,404
Totals "	63,683	57,955	121,638	7,163	7,843	15,006
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	421,843	1,685,033	2,106,876	447,291	926,071	1,373,362
Bulk transportation "	-	-	-	-	-	-
Totals "	421,843	1,685,033	2,106,876	447,291	926,071	1,373,362
Mail carried (unit toll transportation) "	112,453	211,404	323,857	92,491	106,649	199,140
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	11,993	9,539	21,532	81,645	74,948	156,593
Bulk transportation "	101	101	202	1,295	490	1,785
Totals "	12,094	9,640	21,734	82,940	75,438	158,378
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	132,067	73,359	205,426	1,001,201	2,684,463	3,685,664
Bulk transportation "	-	-	-	-	-	-
Totals "	132,067	73,359	205,426	1,001,201	2,684,463	3,685,664
Mail carried (unit toll transportation) "	15,105	12,774	27,879	220,049	330,827	550,876
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	55,766	49,784	105,550	25,879	25,164	51,043
Bulk transportation "	1,072	490	1,562	223	-	223
Totals "	56,838	50,274	107,112	26,102	25,164	51,266
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	572,383	1,442,769	2,015,152	428,818	1,241,694	1,670,512
Bulk transportation "	-	-	-	-	-	-
Totals "	572,383	1,442,769	2,015,152	428,818	1,241,694	1,670,512
Mail carried (unit toll transportation) "	161,065	166,476	327,541	58,984	164,351	223,335

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd., and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles
Ton-Mile:	The transportation of one ton of load over the distance of one mile
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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CIVIL AVIATION

MARCH 1963



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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

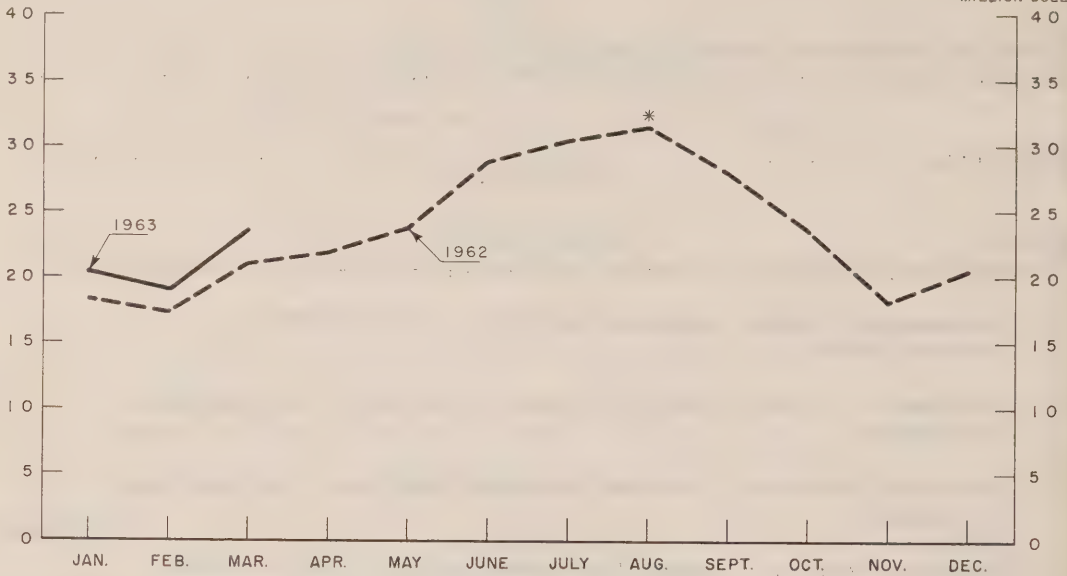
- ... Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963

MILLION DOLLARS

MILLION DOLLARS



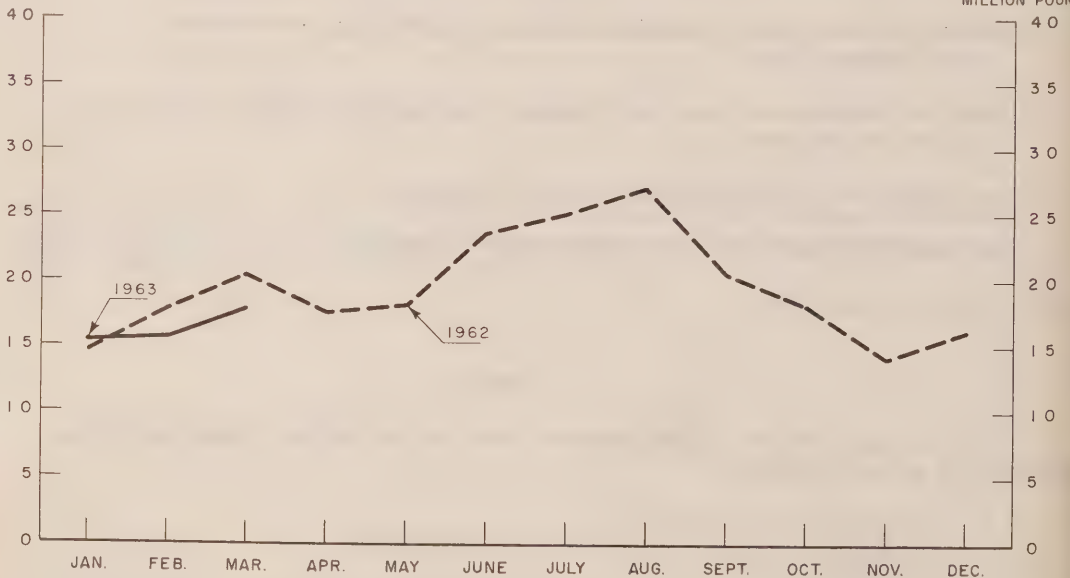
* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of March operations

In March 1963, Canadian air carriers transported both fewer revenue passengers and less revenue goods than in March, 1962. Passengers carried decreased 1.6 per cent to 411,848 from 418,746 and the volume of goods flown dropped 12 per cent to 17,909,754 lbs. from 20,360,183 lbs. Revenue miles flown were up 2 per cent to 7,788,990 from 7,639,390. Operating revenues rose 12.3 per cent to \$23,569,515 from \$20,989,152 a year earlier, while operating expenses increased 5 per cent to \$23,221,540 from \$22,114,474. As a result, there was an operating income of \$347,975 reported in March, 1963 in contrast to an operating loss of \$1,125,322 in March of the previous year. The deficit, after provision for income taxes and other charges amounted to \$584,540 as against a deficit of \$2,280,639 in March 1962.

For the first quarter of 1963, both revenue passengers and revenue goods registered a decrease compared with the same period of 1962. The number of revenue passengers carried decreased slightly to 1,163,353 from 1,172,502 and the volume of revenue goods flown dropped 6.2 per cent to 49,597,393 lbs. from 52,876,388 lbs. The operating revenues rose 11.2 per cent to \$63,153,209 from \$56,817,557 and operating expenses increased 4.6 per cent to \$66,848,165 from \$63,909,849.

In March, the six scheduled carriers transported 381,329 revenue passengers or 92.6 per cent of the total number flown by Canadian carriers and 12,796,602 lbs. of revenue goods or 71.5 per cent of the total. In March of the previous year, 91.8 per cent of the revenue passengers and 64.8 per cent of the revenue goods were transported by the scheduled carriers.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 70 per cent of all commercial helicopters in Canada. In March 1963 they flew a total of 1,600 revenue hours, a 29.6 per cent increase over the 1,235 hours flown in March, 1962. Operating revenues of these carriers totalled \$172,599 during the month under review and their operating expenses amounted to \$322,313. This compares with revenues of \$160,460 and expenses of \$218,239 in March of the previous year.

Tables 10 and 11 cover the operations of Group V carriers for the first quarter of 1963. The 3 carriers reporting in the quarter transported 15,484 revenue passengers and 1,051,843 lbs. of revenue goods.

Foreign carriers licensed to operate in Canada transported 7.6 per cent fewer revenue passengers than in March 1962, but 1.7 per cent more revenue goods than in March 1962. The number of revenue passengers carried decreased to 60,250 from 65,172, but the volume of revenue goods increased to 2,165,267 lbs. from 2,128,158 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

March 1963

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers			United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	20	63	83	89	9	9	107	...
Transportation services:									
Unit toll:									
Revenue departures No.	16,540	2,948	490	3,438	19,978	..	..	..	..
Revenue hours flown	21,662	2,857	338	3,195	24,857	297	755	25,909	73,898
Revenue miles scheduled	5,530,110	...	...	...	5,530,110	75,616	309,496	5,915,222	16,830,345
Revenue miles flown:									
Scheduled services	5,603,842(4)	...	...	...	5,603,842(4)	73,241	314,758	5,991,841(4)	16,931,324(4)
Non-scheduled services ...	289,558(4)	339,696	39,298	378,994	668,552(4)	-	-	668,552(4)	1,896,348(4)
Totals	5,893,400	339,696	39,298	378,994	6,272,394	73,241	314,758	6,660,393	18,827,672
Revenue passengers carried	374,455	9,505	1,306	10,811	385,266	42,586	17,003	444,855	1,266,708
Revenue goods carried:									
Cargo	6,737,602	471,116	132,109	603,225	7,340,827	705,192	1,169,038	9,289,094	25,471,303
Excess baggage	54,699(5)	13,472	5,866	19,338	74,037(5)	125,879	137,158	4,118,135	11,534,739
Mail	3,543,619	297,842	13,637	311,479	3,855,098	831,071	1,306,196	13,407,229	37,006,042
Totals	10,335,920	782,430	151,612	934,042	11,269,962	1,828,596	12,234,357	307,377,709	831,813,906
Revenue passenger-miles No.	291,198,628	2,049,705	66,423	2,116,128	293,314,756				
Revenue goods ton-miles:									
Cargo	3,981,395	126,189	4,312	130,501	4,111,896	16,294	430,093	4,741,794	12,290,046
Excess baggage	178,660	4,481	370	4,851	183,511	2,645	56,725	1,505,299	4,199,080
Mail	1,399,539	45,336	1,054	46,390	1,445,929	18,939	486,818	6,247,093	16,489,126
Totals	5,559,594	176,006	5,736	181,742	5,741,336				
Bulk:									
Revenue - Departure	1,502	4,790	7,543	12,333	13,835	..	..	..	..
Hours flown	1,919	6,485	5,138	11,623	13,542	3	38	13,583	32,627
Miles flown	342,757	622,145	551,694	1,173,839	1,516,596	521	12,200	1,529,317	3,709,733
Passengers carried	6,874	9,250	10,458	19,708	26,582	204	457	27,243	66,806
Freight carried .. lb.	2,460,682	2,213,855	1,965,255	4,179,110	6,639,792	-	28,000	6,667,792	18,537,350
Non-transportation services:									
Specialty flying:									
Revenue hours flown	3	1,895	4,131	6,026	6,029	-	-	6,029	13,186

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

March 1963

- 7 -

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	18,042	7,738	8,033	15,771	33,813	..	..	..	..	..
Hours flown	23,584	11,237	9,607	20,844	44,428	300	793	45,521	119,711	..
Miles flown	6,236,157	961,841	590,992	1,552,833	7,788,990	73,762	326,938	8,189,710	22,537,405	..
Passengers carried	381,329	18,755	11,764	30,519	411,848	42,790	17,460	472,098	1,333,514	..
Cargo carried	9,198,284	2,684,971	2,097,364	4,782,335	13,980,619	705,192(7)	1,197,038(7)	15,956,886(7)	44,008,653(7)	..
Goods carried	12,796,602	2,996,285	2,116,867	5,113,152	17,909,754	831,071	1,334,196	20,075,021	55,543,392	..
Non-revenue:										
Hours flown	723	719	346	1,065	1,788	1	-	1,789	5,028	..
Passengers carried .....	..	211	-	211	..	769	511	..	..	..
Goods carried .....	..	29,003	-	29,003	..	7,377	75,228	..	..	..
Passenger-miles	12,310,210	101,904	-	101,904	12,412,114	31,767	369,480	12,813,361	35,260,739	..
Goods ton-miles	541,634	18,836	-	18,836	560,470	164	22,048	582,682	1,580,353	..
Fuel consumed:										
Turbo fuel - Quantity	14,905,080	-	6,706	6,706	14,911,786	106,941	2,221,257	17,239,984	47,944,263	..
Cost	2,148,314	-	1,917	1,917	2,150,231	19,351	330,549	2,500,131	6,927,171	..
Gasoline - Quantity	798,765	519,146	131,422	650,568	1,449,333	43,047	208,140	1,700,520	4,719,165	..
Cost	261,902	194,261	58,962	253,223	515,125	10,508	46,116	571,749	1,559,611	..
Oil consumed:										
Turbo aircraft - Quantity ..	3,603	-	1	1	3,604	2	75	3,681	12,160	..
Cost	28,851	-	15	15	28,866	13	695	29,574	101,882	..
Other aircraft - Quantity ..	9,237	7,435	2,371	9,806	19,043	303	1,988	21,334	56,468	..
Cost	9,416	9,485	2,731	12,216	21,632	218	1,525	23,375	69,931	..
Average number of employees:										
Flying personnel	2,078	352	227	579	2,657	..	..	..	..	..
Other personnel	13,330	827	473	1,300	14,630	..	..	..	..	..
Totals	15,408	1,179	700	1,879	17,287	229	759	18,275	18,220	..
Salaries and wages paid:										
Flying personnel	1,559,545	230,436	112,817	343,253	1,902,798	..	..	..	..	..
Other personnel	6,206,438	371,039	184,128	555,167	6,761,605	..	..	..	..	..
Totals	7,765,983	601,475	296,945	898,420	8,664,403	124,161	356,611	9,145,175	26,881,456	..

(1) Group II non-scheduled carriers included with Group III for

(3) Excludes Group I carriers.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

March 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Non-scheduled carriers				
				Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	17,106,879	559,637	17,666,516	249,711	13,188	262,899	17,929,415	48,856,400
Express	292,419	37,523	329,942	6,697	3,258	9,955	339,897	971,169
Freight	960,377	125,611	1,085,988	68,677	5,296	73,973	1,159,961	2,981,328
Excess baggage	111,480	11,752	123,232	5,683	60	5,743	128,975	342,945
Mail	1,102,597	125,203	1,227,800	126,535	4,113	130,648	1,358,448	3,878,450
Total unit toll transportation ..	19,573,752	859,726	20,433,478	457,303	25,915	483,218	20,916,696	57,030,292
Bulk transportation	381,939	298,294	680,233	858,782	371,950	1,230,732	1,910,965	4,385,405
Total transportation	19,955,691	1,158,020	21,113,711	1,316,085	397,865	1,713,950	22,827,661	61,415,697
Other flying services	1,185	-	1,185	171,545	95,862	267,407	268,592	679,240
Total flying services	19,956,876	1,158,020	21,114,896	1,487,630	493,727	1,981,357	23,096,253	62,094,937
Non-flying services	321,629	10,955	332,584	45,748	186,426	140,678	473,262	1,058,272
Total operating revenues	20,278,505	1,168,975	21,447,480	Dr. 1,441,882	680,153	2,122,035	23,569,515	63,153,209
Operating expenses:								
Flying operations	4,866,632	431,532	5,298,164	597,156	284,529	881,685	6,179,849	17,314,660
Maintenance	4,113,842	332,358	4,446,200	462,856	191,874	654,730	5,100,930	15,055,295
General services and administration:								
Passenger service	1,483,635	30,485	1,514,120	..	..	..	..	..
Aircraft and traffic servicing	2,908,817	171,383	3,080,200	..	..	..	..	..
Promotion and sales	3,086,097	96,698	3,182,795	..	..	..	..	..
General administration	872,969	126,823	999,792	..	..	..	..	..
Totals	8,351,518	425,389	8,776,907	388,358	149,850	538,208	9,315,115	26,917,649
Depreciation and amortization	2,256,836	113,464	2,370,300	176,094	79,252	255,346	2,625,646	7,560,561
Total operating expenses	19,588,828	1,302,743	20,891,571	1,624,464	705,505	2,329,969	23,221,540	66,848,165
Operating income (loss)	689,677	Dr. 133,768	555,909	Dr. 182,582	Dr. 25,352	Dr. 207,934	347,975	Dr. 3,694,956
Non-operating income - Net:								
Capital gains and losses	-	26,233	26,233	Dr. 25,211	44,198	18,987	45,220	157,583
Interest and discounts	93,232	548	93,780	6,411	698	7,109	100,889	333,940
Miscellaneous non-operating income ..	17,160	81	17,241	Dr. 4,037	4,205	168	17,409	31,031
Income before interest expense	800,069	Dr. 106,906	693,163	Dr. 205,419	Dr. 23,749	Dr. 181,670	511,493	Dr. 3,172,402
Interest expense	1,001,734	40,113	1,041,847	34,418	14,223	48,641	1,090,488	3,144,071
Income before income taxes	Dr. 201,665	Dr. 147,019	Dr. 348,684	Dr. 239,837	Dr. 9,526	Dr. 230,311	Dr. 578,995	Dr. 6,316,473
Provision for income taxes	-	-	-	4,929	616	5,545	5,545	11,398
Net income after income taxes	Dr. 201,665	Dr. 147,019	Dr. 348,684	Dr. 244,766	Dr. 8,910	Dr. 235,856	Dr. 584,540	Dr. 6,327,871

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

March 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	3,855,339	72,135	151,329	205,365	130,808	13,251,540	17,666,516	48,120,995
Express	15,522	-	6,454	29,526	1,543	276,897	329,942	937,756
Freight	229,863	49,992	53,156	-	22,463	730,514	1,085,988	2,789,008
Excess baggage	29,858	1,174	4,500	4,917	1,161	81,622	1,123,232	328,565
Mail	212,182	21,573	42,300	38,933	22,397	890,415	1,227,800	3,522,892
Total unit toll transportation ..	4,342,764	144,874	257,739	278,741	178,372	15,230,988	20,433,478	55,699,216
Bulk transportation	156,746	11,466	137,739	-	149,089	225,193	680,233	1,528,518
Total transportation	4,499,510	156,340	395,478	278,741	327,461	15,456,181	21,113,711	57,227,734
Other flying services	-	-	-	-	-	1,185	1,185	2,409
Total flying services	4,499,510	156,340	395,478	278,741	327,461	15,457,366	21,114,896	57,230,143
Non-flying services	40,543	8,063 Dr.	827	1,890	1,829	281,086	332,584	676,422
Total operating revenues	4,540,053	164,403	394,651	280,631	329,290	15,738,452	21,447,480	57,906,565
Operating expenses:								
Flying operations	1,669,712	70,590	148,050	80,946	131,946	3,196,920	5,298,164	14,930,277
Maintenance	762,942	49,158	93,564	79,839	109,797	3,350,900	4,446,200	13,229,442
General services and administrations:								
Passenger service	407,404	4,146	9,520	6,573	10,246	1,076,231	1,514,120	4,393,154
Aircraft and traffic servicing	501,906	32,104	86,324	29,866	23,089	2,406,911	3,080,200	8,996,048
Promotion and sales	787,582	5,976	14,722	52,268	23,732	2,298,515	3,182,795	9,298,309
General administration	203,497	18,230	30,457	29,327	48,809	669,472	999,792	2,847,665
Totals	1,900,389	60,456	141,023	118,034	105,876	6,451,129	8,776,907	25,535,176
Depreciation and amortization	189,823	25,405	33,432	31,134	23,493	2,067,013	2,370,300	6,826,250
Total operating expenses	4,522,866	205,609	416,069	309,953	371,112	15,065,962	20,891,571	60,521,145
Operating income (loss)	17,187 Dr.	41,206 Dr.	21,418 Dr.	29,322 Dr.	41,822 Dr.	672,490	555,909 Dr.	2,614,580
Non-operating income - Net:								
Capital gains and losses	-	5,302	856 Dr.	5	20,080	-	26,233	86,122
Interest and discounts	40,992	548	-	-	-	52,240	93,780	324,338
Miscellaneous non-operating income ..	3,639	13	42	145	171	13,521	17,241	35,622
Income before interest expense	61,818 Dr.	35,343 Dr.	20,520 Dr.	29,472 Dr.	21,571 Dr.	738,251	693,163 Dr.	2,168,498
Interest expense	-	5,436	13,195	12,751	8,731	1,001,734	1,041,847	3,005,814
Income before income taxes	61,818 Dr.	40,779 Dr.	33,715 Dr.	42,223 Dr.	30,302 Dr.	263,483 Dr.	348,684 Dr.	5,174,312
Provision for income taxes	-	-	-	-	-	-	-	-
Net income after income taxes	61,818 Dr.	40,779 Dr.	33,715 Dr.	42,223 Dr.	30,302 Dr.	263,483 Dr.	348,684 Dr.	5,174,312

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

March 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services:									
Unit toll:									
Revenue departures	1,893	11,343	13,236	614	863	988	839	3,304	16,540
Revenue hours flown	3,760	14,761	18,521	555	842	817	927	3,141	21,662
Revenue miles scheduled	1,237,387	4,047,984	5,285,371	26,044	110,015	68,520	40,160	244,739	5,530,110
Revenue miles flown:									
Scheduled services - Regular	1,210,826	3,974,998	5,185,824	23,641	108,172	66,755	39,816	238,384	5,424,208
Extra section	12,742	164,125	176,867	693	1,588	337	149	2,767	179,634
Non-scheduled services	48,316	-	48,316	68,608	14,356	73,801	84,477	241,242	289,558
Totals	1,271,884	4,139,123	5,411,007	92,942	124,116	140,893	124,442	482,393	5,893,400
Ratio of regular miles flown to miles scheduled	97.9	98.2	98.1	90.8	98.3	97.4	99.1	97.4	98.1
Revenue passengers carried	39,516	313,810	353,326	4,197	5,863	7,243	3,826	21,129	374,455
Revenue goods carried:									
Express	76,597	725,279	801,876	-	21,166	207,939	9,418	238,523	1,040,399
Freight	439,185	4,081,263	4,520,448	625,833	411,727	-	139,195	1,176,755	5,697,203
Excess baggage .....	...	...	...	9,996	13,988	24,954	5,761	54,699	54,699(2)
Mail	171,489	2,697,478	2,868,967	113,463	158,605	324,861	77,723	674,652	3,543,619
Totals	687,271	7,504,020	8,191,291	749,292	605,486	557,754	232,097	2,144,629	10,335,920
Revenue passenger-miles:									
Scheduled services	69,119,992	214,891,015	284,011,007	328,936	1,658,204	1,226,524	465,274	3,678,938	287,689,945
Non-scheduled services	1,037,831	-	1,037,831	383,191	41,356	1,110,249	936,056	2,470,852	3,508,683
Totals	70,157,823	214,891,015	285,046,838	712,127	1,699,560	2,336,773	1,401,330	6,149,790	291,198,628
Available seat-miles on scheduled services	141,334,692	376,228,194	517,562,886	1,011,508	4,686,504	2,180,256	1,169,691	9,047,959	526,610,845
Passenger load factor on scheduled services	48.9	57.1	54.9	32.5	35.4	56.3	39.8	40.7	54.1
Revenue goods ton-miles:									
Express - Scheduled services	17,809	285,462	303,271	-	6,552	26,360	1,018	33,930	337,201
Non-scheduled services	735	-	735	-	-	21,184	1,186	22,370	23,105
Totals	18,544	285,462	304,006	-	6,552	47,544	2,204	56,300	360,306
Freight - Scheduled services	607,852	2,726,592	3,334,444	7,098	123,044	-	13,000	143,142	3,477,586
Non-scheduled services	1,458	-	1,458	129,460	1,817	-	10,768	142,045	143,503
Totals	609,310	2,726,592	3,335,902	136,558	124,861	-	23,768	285,187	3,621,089

See footnotes at end of table.

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	35,382	133,718	169,100	280	1,947	2,342	486	5,055	174,155
Non-scheduled services	124	-	124	788	39	2,876	678	4,381	4,505
Totals	35,506	133,718	169,224	1,068	1,986	5,218	1,164	9,436	178,660
Mail - Scheduled services	167,037	1,147,419	1,314,456	3,781	39,270	Dr. 3,579(5)	1,858	41,330(5)	1,355,786(5)
Non-scheduled services	3,850	-	3,850	9,134	129	22,239(5)	8,401	39,903(5)	43,753(5)
Totals	170,887	1,147,419	1,318,306	12,915	39,399	18,660(5)	10,259	81,233(5)	1,399,539(5)
Total - Scheduled services	828,080	4,293,191	5,121,271	11,159	170,813	25,123	16,362	223,457	5,344,728
Non-scheduled services	6,167	-	6,167	139,382	1,985	46,299	21,033	208,699	214,866
Totals	834,247	4,293,191	5,127,438	150,541	172,798	71,422	37,395	432,156	5,559,594
Available ton-miles on scheduled services	18,280,943	50,900,539	69,181,482	122,839	682,437	214,508	182,166	1,201,950	70,383,432
Weight load factor on scheduled services(3)	42.3	50.7	48.5	35.9	49.3	68.9	34.5	49.2	48.5
Bulk:									
Revenue - Departures	60	73	133	73	998	-	298	1,369	1,502
Hours flown	148	198	346	61	990	-	522	1,573	1,919
Miles flown	51,989	78,738	130,727	8,235	115,341	-	88,454	212,030	342,757
Passengers carried	1,606	2,623	4,229	283	1,777	-	585	2,645	6,874
Freight carried lb.	-	-	-	353,530	1,542,510	-	564,642	2,460,682	2,460,682
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	3	3	-	-	-	-	-	3
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,953	11,416	13,369	687	1,861	988	1,137	4,673	18,042
Hours flown	3,908	14,962	18,870	616	1,632	817	1,449	4,714	23,584
Miles flown	1,323,873	4,217,861	5,541,734	101,177	239,457	140,893	212,896	694,423	6,236,157
Passengers carried	41,122	316,433	357,555	4,480	7,640	7,243	4,411	23,774	381,329
Cargo carried	515,782	4,806,542	5,322,324	979,363	1,975,403	207,939	713,255	3,875,960	9,198,284
Goods carried	687,271	7,504,020	8,191,291	1,102,822	2,147,996	557,754	796,739	4,605,311	12,796,602

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

March 1963

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	147	385	532	40	88	25	38	191	723
Passengers carried	1,520	..	..	202	185	45	105	537	..
Goods carried	118,904	..	..	11,542	33,132	-	6,041	50,715	..
Passenger-miles	2,807,918	9,375,773	12,183,691	39,548	16,528	17,864	52,579	126,519	12,310,210
Goods ton-miles	160,095	366,109	526,204	2,728	10,585	-	2,117	15,430	541,634
Fuel consumed:									
Turbo fuel - Quantity	3,461,865	11,297,459	14,759,324	62,826	-	82,930	-	145,756	14,905,080
Cost	595,188	1,517,937	2,113,145	12,812	-	22,358	-	35,169	2,148,314
Gasoline - Quantity	335,285	29,873	365,158	44,454	180,326	32,721	176,106	433,607	798,765
Cost	96,486	9,222	105,708	14,167	68,461	11,367	62,199	156,194	261,902
Oil consumed:									
Turbo aircraft - Quantity .. gal.	243(5)	2,819	3,062(5)	-	-	541	-	541	3,603(5)
Cost	527(5)	27,598	28,125(5)	-	-	726	-	726	28,851(5)
Other aircraft - Quantity .. gal.	4,236	362	4,598	573	1,990	492	1,584	4,639	9,237
Cost	3,803	354	4,157	613	2,488	574	1,584	5,259	9,416
Average number of employees:									
Flying personnel	442	1,445	1,887	25	65	35	66	191	2,078
Other personnel	2,202	10,168	12,370	130	335	237	258	960	13,330
Totals	2,644	11,613	14,257	155	400	272	324	1,151	15,408
Salaries and wages paid:									
Flying personnel	363,594	1,066,575	1,430,169	18,507	48,979	24,714	37,176	129,376	1,559,545
Other personnel	937,814	4,896,806	5,834,620	46,651	134,026	92,272	98,869	371,818	6,206,438
Totals	1,301,408	5,963,381	7,264,789	65,158	183,005	116,986	136,045	501,194	7,765,983

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

(5) Includes adjustments for January and February, 1963.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

March 1963

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	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	33,295	3,801	5,405	7,243	3,308		
Domestic interline	2,726	396	-	-	-	267,396	320,448
Foreign interline	3,290	-	-	-	-	46,414	52,826
Totals(2)	39,311	4,197	5,405	7,243	3,308	313,810	373,274
Revenue express carried:							
Originated	76,597	-	21,166	207,939	9,418	725,279	1,040,399
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	76,597	-	21,166	207,939	9,418	725,279	1,040,399
Revenue freight carried:							
Originated	342,723	568,658	384,631	-	54,152	4,081,263	5,431,427
Domestic interline	7,604	-	-	-	-	-	7,604
Foreign interline	34,024	-	-	-	-	-	34,024
Totals(2)	384,351	568,658	384,631	-	54,152	4,081,263	5,473,055
Revenue excess baggage carried:							
Originated .....	..	9,996	13,219	24,954	4,876	..	53,045(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	9,996	13,219	24,954	4,876	..	53,045(3)
Revenue mail carried:							
Originated	171,489	113,463	155,507	324,861	20,496	2,697,478	3,483,294
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	171,489	113,463	155,507	324,861	20,496	2,697,478	3,483,294

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

March 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	1,754	461	510	120	2,845	10,391	13,236
Revenue hours flown	2,543	1,704	1,485	825	6,557	11,964	18,521
Revenue miles scheduled	585,536	753,534	567,127	334,014	2,240,211	3,045,160	5,285,371
Revenue miles flown:							
Scheduled services - Regular	553,816	728,731	567,127	334,014	2,183,688	3,002,136	5,185,824
Extra sections	19,623	35,157	57,558	-	112,538	64,329	176,867
Non-scheduled services	-	-	-	-	-	48,316	48,316
Totals	573,639	763,888	624,685	334,014	2,296,226	3,114,781	5,411,007
Ratio of regular miles flown to miles scheduled	94.6	96.7	100.0	100.0	97.5	98.6	98.1
Revenue passengers carried	No.	...	...	...	127,508	225,818	353,326
Revenue cargo carried	lb.	...	...	...	2,375,926	2,946,398	5,322,324
Revenue mail carried .....	...	...	...	...	381,317	2,487,650	2,868,967
Revenue passenger-miles	No.	26,722,585	49,870,009	19,031,297	144,466,114	140,582,724	285,048,838
Available seat-miles on scheduled services	"	42,447,748	99,092,490	79,328,588	260,959,157	256,603,729	517,562,886
Passenger load factor on scheduled services ...		63.0	50.3	61.6	55.4	54.4	54.9
Revenue goods ton-miles:							
Express	No.	43,066	-	-	43,066	260,940	304,006
Freight	"	235,455	934,958	222,908	1,659,548	1,676,354	3,335,902
Excess baggage	"	16,920	18,791	40,425	7,907	85,181	169,224
Mail	"	39,210	187,077	49,278	351,083	967,223	1,318,306
Totals	"	334,651	1,140,826	355,930	2,137,740	2,989,698	5,127,438
Available ton-miles on scheduled services	"	5,090,423	14,289,896	10,942,943	35,412,682	33,768,800	69,181,482
Weight load factor on scheduled services(1) ...		59.1	42.9	47.9	46.8	50.2	48.5

(1) Standard passenger weight used: 200 pounds.

March 1963

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	Month		Year to date	
	Revenue hours	Revenue \$	Revenue hours	Revenue \$
Flying training	3,036	57,279	6,406	118,224
Recreational flying	902	15,435	1,870	31,553
Aerial photography and survey	2	42	245	48,830
Aerial photography (excluding survey)	33	711	91	2,161
Aerial pest control	-	-	-	-
Aerial advertising	-	-	-	-
Aerial patrol and inspection	942	82,350	2,385	217,489
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	-	-
Geophysical survey	920	86,591	1,724	192,581
Non-transportation charter	20	17,140	219	51,358
Other specialty flying	174	9,045	246	16,302
Total specialty flying	6,029	268,593	13,186	678,498

	Month(1)	Year to date
Revenue hours flown	1,600	3,490
Average number of aircraft	107	111
Average number of employees:		
Flying personnel	131	131
Other personnel	98	99
Totals	229	230
Salaries and wages paid:		
Flying personnel	78,783	235,566
Other personnel	48,611	146,973
Totals	127,394	382,539
Operating revenues:		
Bulk transportation	223,502	424,104
Other flying services	26,251	72,400
Non-flying services	Dr. 77,154	19,772
Totals	172,599	476,732
Operating expenses:		
Flying operations	119,368	394,554
Maintenance	90,996	268,496
General services and administration	60,877	119,109
Depreciation and amortization	51,072	152,012
Totals	322,313	934,171
Operating income (loss)	Dr. 149,714	457,439
Net income (deficit) after income taxes \$	Dr. 192,215	Dr. 469,638

(1) Excludes 2 carriers operating 4 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

March 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	63,964	70,784	134,748	11,031	13,675	24,706
Bulk transportation "	503	489	992	1,007	1,599	2,606
Totals "	64,467	71,273	135,740	12,038	15,274	27,312
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	528,040	1,861,515	2,389,555	445,374	1,112,010	1,557,384
Bulk transportation "	-	-	-	-	28,000	28,000
Totals "	528,040	1,861,515	2,389,555	445,374	1,140,010	1,585,384
Mail carried (unit toll transportation) "	125,418	228,943	354,361	105,224	131,358	236,582
All other areas			Totals			
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	10,236	13,908	24,144	85,231	98,367	183,598
Bulk transportation "	70	71	141	1,580	2,159	3,739
Totals "	10,306	13,979	24,285	86,811	100,526	187,337
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	159,064	81,158	240,222	1,132,478	3,054,683	4,187,161
Bulk transportation "	-	-	-	-	28,000	28,000
Totals "	159,064	81,158	240,222	1,132,478	3,082,683	4,215,161
Mail carried (unit toll transportation) "	17,152	14,660	31,812	247,794	374,961	622,755
Total by Canadian carriers			Total by Foreign carriers			
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	57,925	66,084	124,009	27,306	32,283	59,589
Bulk transportation "	1,330	1,748	3,078	250	411	661
Totals "	59,255	67,832	127,087	27,556	32,694	60,250
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	676,044	1,636,887	2,312,931	456,434	1,417,796	1,874,230
Bulk transportation "	-	-	-	-	28,000	28,000
Totals "	676,044	1,636,887	2,312,931	456,434	1,445,796	1,902,230
Mail carried (unit toll transportation) "	182,282	177,436	359,718	65,512	197,525	263,037

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers

First Quarter 1963

	Quarter	Year to date
Number of reporting carriers	233	
Bulk transportation:		
Revenue hours flown	9,235	No.
Revenue passengers carried	15,484	"
Revenue goods carried	1,051,843	lb.
Specialty flying services:		
Revenue hours flown:		
Flying training	11,623	No.
Recreational flying	2,859	"
Aerial photography and survey	164	"
Aerial photography (excluding survey) "	52	"
Aerial pest control	99	"
Aerial advertising	1	"
Aerial patrol and inspection	969	"
Philanthropic	-	"
Aerial fish cultivation	-	"
Geophysical survey	-	"
Non-transportation charter	5	"
Other specialty flying	2,755	"
Total specialty flying services ...	18,527	"
Total - All services:		
Revenue hours flown	27,762	"
Non-revenue hours flown	2,096	"

TABLE 11. Statement of Income, Canadian Group V Carriers

First Quarter 1963

	Quarter	Year to date
		dollars
Operating revenues:		
Bulk transportation	455,001	
Other flying services	336,636	
Total flying services	791,637	
Non-flying services	528,449	
Total operating revenues	1,320,086	
Operating expenses:		
Flying operations	607,622	
Maintenance	237,786	
General services and administration	586,128	
Depreciation	222,640	
Total operating expenses	1,654,176	
Operating income (loss)	Dr. 334,090	
Non-operating income - Net	Dr. 42,564	
Income before income taxes	Dr. 376,654	
Provision for income taxes	9,607	
Net income after income taxes	Dr. 386,261	

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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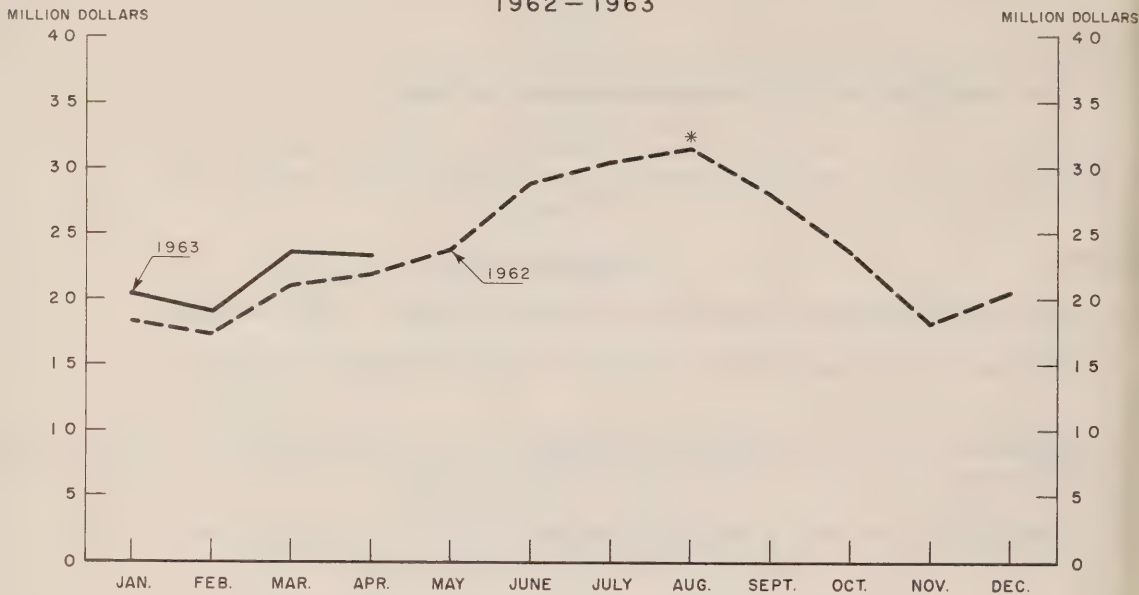
SYMBOLS

The Interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available
- ... Figures not appropriate or not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS

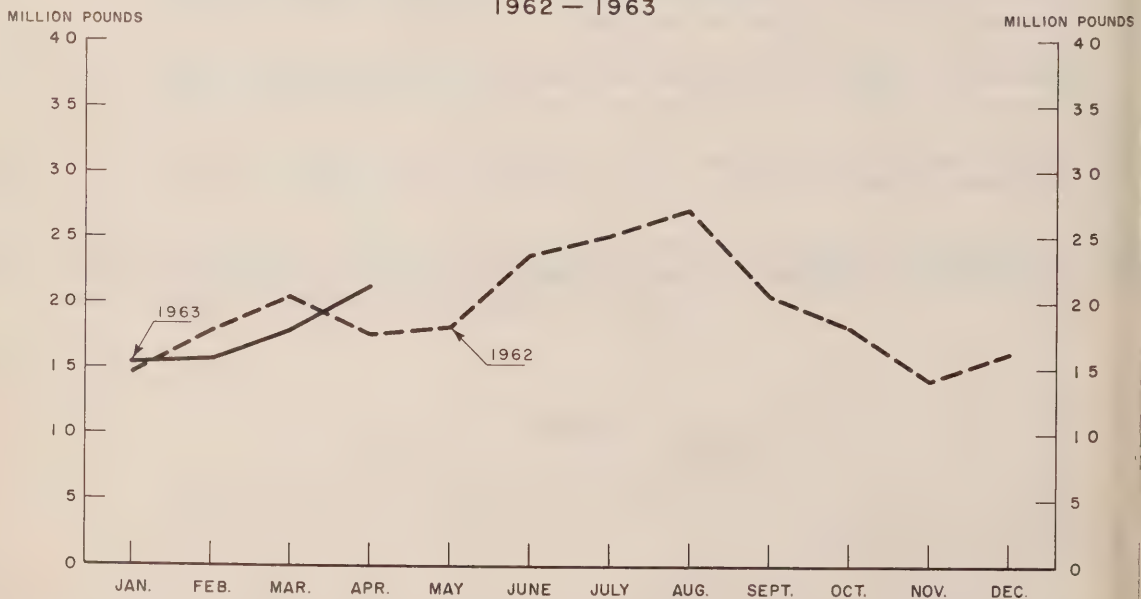
1962 - 1963



* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers providing international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of April operations

In April 1963, Canadian air carriers transported 0.6 per cent fewer revenue passengers, but 1 per cent more revenue goods than in April 1962. Passengers carried decreased to 418,629 from 420,948 while goods flown increased to 21,252,879 lbs. from 17,562,380 lbs. Revenue miles flown rose 4.7 per cent to 7,869,987 from 7,515,384. Both operating revenues and expenses registered increases. Revenues rose 6.6 per cent to \$23,231,206 from \$21,787,266 and expenses 3.1 per cent to \$22,985,572 from \$22,018,377. As a result there was an operating income of \$245,634 compared with an operating loss of \$154,571 in April 1962. The deficit, after provision for income taxes and other charges, amounted to \$589,783, considerably lower than the deficit of \$1,515,440 reported in April of the previous year.

For the first four months of 1963 fewer revenue passengers and less revenue freight was carried than during the same period of 1962. The number of revenue passengers decreased slightly to 1,581,587 from 1,595,655 and the volume of goods dropped 5.1 per cent to 70,967,985 lbs. from 74,769,498 lbs. The operating revenues rose 9.7 per cent to \$86,419,326 from \$78,767,112, and the operating expenses increased 4.1 per cent to \$89,877,807 from \$86,322,777.

During April, the six scheduled carriers transported 387,089 revenue passengers or 92.5 per cent of all passengers carried and 13,498,769 lbs. of revenue goods or 63.5 per cent of the total. Corresponding figures for April, 1962, are 390,592 revenue passengers or 92.8 per cent of the total carried and 11,399,860 lbs. of revenue goods or 64.9 per cent of the total. The scheduled carriers also reported operating revenues of \$20,970,692 or 90.3 per cent of the aggregate and operating expenses of \$20,514,078 or 89.2 per cent of the total. Corresponding figures for April of the previous year are 89.9 per cent and 88.8 per cent, respectively.

Foreign carriers licensed to operate in Canada transported in April, 1963, 7.7 per cent fewer revenue passengers in contrast to 1.5 per cent more revenue goods than in the same period of 1962. The number of revenue passengers carried decreased to 61,553 from 66,652, while the volume of revenue goods flown rose to 1,925,315 lbs. from 1,896,454 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

April 1963

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)			Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers			United States carriers	Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	19	61	80	86	9	9	104	...	
Transportation services:										
Unit toll:										
Revenue departures	16,222	2,554	524	3,078	19,300	..	..	..	..
Revenue hours flown	21,135	2,872	378	3,250	24,385	299	738	25,422	99,320	
Revenue miles scheduled ...	5,265,961	...	...	...	5,265,961	73,324	295,448	5,634,733	22,465,078
Revenue miles flown:										
Scheduled services	5,418,169(4)	...	...	...	5,418,169(4)	72,708	301,810	5,792,687(4)	22,724,011(4)
Non-scheduled services ...	297,967(4)	373,173	43,993	417,166	715,133(4)	72,708	301,810	792,641(4)	2,611,481(4)	
Totals	5,716,136	373,173	43,993	417,166	6,133,302	72,708	301,810	6,507,820	25,335,492	
Revenue passengers carried	376,117	10,133	1,639	11,772	387,889	45,683	14,376	447,948	1,714,656	
Revenue goods carried:										
Cargo	7,057,011	623,675	61,449	685,124	7,742,135	703,730	933,548	9,450,096	34,921,399	
Excess baggage	56,946(5)	11,464	2,273	13,737	70,683(5)	120,877	134,157	3,648,766	15,183,505	
Mail	3,139,252	239,146	15,334	254,480	3,393,732	824,607	1,067,705	13,098,862	50,104,904	
Totals	10,253,209	874,285	79,056	933,341	11,206,550	1,910,009	10,735,756	287,196,268	1,119,010,174	
Revenue passenger-miles	271,872,814	2,575,952	101,737	2,677,689	274,550,503	15,696	343,050	4,610,871	16,900,917	
Revenue goods ton-miles:										
Cargo	3,853,510	220,641	3,744	224,385	4,077,895	2,512	55,655	1,408,279	5,607,359	
Excess baggage	169,511	4,587	132	4,719	174,230	18,208	398,705	6,019,150	22,508,276	
Mail	1,308,993	39,930	1,189	41,119	1,350,112	354	1,140	1,749,643	5,487,528	
Totals	5,332,014	265,158	5,065	270,223	5,602,237	354	33,003	32,234	99,645	
Bulk:										
Revenue - Departure	1,849	4,484	6,492	10,976	12,825	..	..	..	..
Hours flown	2,839	5,436	4,845	10,281	13,120	6	37	13,163	45,982	
Miles flown	608,307	602,800	525,578	1,128,378	1,736,685	1,183	11,775	1,749,643	5,487,528	
Passengers carried	10,972	9,135	10,633	19,768	30,740	354	1,140	32,234	99,645	
Freight carried .. lb.	3,245,560	5,342,266	1,458,503	6,800,769	10,046,329	-	-	10,079,332	28,734,395	
Non-transportation services:										
Specialty flying:	18	1,453	3,926	5,379	5,397	-	-	5,397	18,583	
Revenue hours flown	No.	No.	No.	No.	No.	No.	No.	No.	No.	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

April 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	18,071	7,038	7,016	14,054	32,125					
Hours flown	23,992	9,761	9,149	18,910	42,902					
Miles flown	6,324,443	975,973	569,571	1,545,544	7,869,987					
Passengers carried	387,089	19,268	12,272	31,540	418,629					
Cargo carried	10,302,571	5,965,941	1,519,952	7,485,893	17,788,464					
Goods carried	13,498,769	6,216,551	1,537,559	7,754,110	21,252,879					
Non-revenue:										
Hours flown	969	653	509	1,162	2,131					
Passengers carried		422	4	426						
Goods carried		27,676	-	27,676						
Passenger-miles	18,551,075	221,523	488	222,011	18,773,086					
Goods ton-miles	600,060	16,006	-	16,006	616,066					
Fuel consumed:										
Turbo fuel - Quantity	14,844,349	-	8,488	8,488	14,852,837					
Cost	2,128,366	-	2,508	2,508	2,130,874					
Gasoline - Quantity	880,176	568,641	133,823	702,464	1,582,640					
Cost	292,179	223,827	54,948	278,775	570,954					
Oil consumed:										
Turbo aircraft - Quantity ..	4,182	-	2	2	4,184					
Cost	36,207	-	30	30	36,237					
Other aircraft - Quantity ..	11,052	7,940	1,871	9,811	20,863					
Cost	11,569	9,487	2,605	12,092	23,661					
Average number of employees:										
Flying personnel	2,078	359	227	586	2,664					
Other personnel	13,347	862	462	1,324	14,671					
Totals	15,425	1,221	689	1,910	17,335					
Salaries and wages paid:										
Flying personnel	1,577,755	249,008	116,313	365,321	1,943,076					
Other personnel	6,378,857	370,957	180,969	551,926	6,930,783					
Totals	7,956,612	619,965	297,282	917,247	8,873,859					

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate

as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

April 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	16,183,313	627,689	16,811,002	293,439	18,294	311,733	17,122,735	65,979,135
Express	277,294	44,111	321,405	9,311	1,558	10,869	332,274	1,303,443
Freight	922,755	158,068	1,080,823	99,746	6,861	106,607	1,187,430	4,168,758
Excess baggage	101,406	12,622	114,028	5,831	286	6,117	120,145	463,090
Mail	1,101,133	87,896	1,189,029	109,785	5,410	115,195	1,304,224	5,182,674
Total unit toll transportation ..	18,585,901	930,386	19,516,287	518,112	32,409	550,521	20,066,808	77,097,100
Bulk transportation	725,016	436,828	1,161,844	786,802	384,980	1,171,782	2,333,626	6,753,331
Total transportation	19,310,917	1,367,214	20,678,131	1,304,914	417,389	1,722,303	22,400,434	83,850,431
Other flying services	5,863	-	5,863	142,929	88,333	231,262	237,125	916,365
Total flying services	19,316,780	1,367,214	20,683,994	1,447,843	505,722	1,953,565	22,637,559	84,766,796
Non-flying services	238,874	27,824	266,698	114,717	192,232	306,949	593,647	1,652,530
Total operating revenues	19,575,654	1,395,038	20,970,692	1,562,560	697,954	2,260,514	23,231,206	86,419,326
Operating expenses:								
Flying operations	4,729,203	483,157	5,212,360	773,697	238,273	1,011,970	6,224,330	23,554,872
Maintenance	3,864,608	361,046	4,225,654	469,740	240,225	709,965	4,935,619	20,001,307
General services and administration:								
Passenger service	1,519,846	35,651	1,555,497	..	..	..	..	..
Aircraft and traffic servicing	2,805,660	192,881	2,998,541	..	..	..	..	..
Promotion and sales	3,151,393	98,045	3,249,438	..	..	..	..	..
General administration	767,222	109,749	876,971	..	..	..	..	..
Totals	8,244,121	436,326	8,680,447	354,231	130,693	484,924	9,165,371	36,095,715
Depreciation and amortization	2,282,390	113,227	2,395,617	183,711	80,924	264,635	2,660,252	10,225,913
Total operating expenses	19,120,322	1,393,756	20,514,078	1,781,379	690,115	2,471,494	22,985,572	89,877,807
Operating income (loss)	455,332	1,282	456,614	Dr. 218,819	7,839	Dr. 210,980	245,634	Dr. 3,458,481
Non-operating income - Net:								
Capital gains and losses	-	Dr. 8,472	Dr. 8,472	81,044	244	81,288	72,816	230,399
Interest and discounts	104,047	1,531	105,578	Dr. 391	756	365	105,943	439,883
Miscellaneous non-operating income ..	48,339	588	47,751	Dr. 5,129	931	Dr. 4,198	43,553	74,665
Income before interest expense	607,718	Dr. 6,247	601,471	Dr. 143,295	9,770	Dr. 133,525	467,946	Dr. 2,713,534
Interest expense	975,482	41,680	1,017,162	23,379	14,882	38,261	1,055,423	4,200,298
Income before income taxes	Dr. 367,764	Dr. 47,927	Dr. 415,691	Dr. 166,674	5,112	Dr. 171,786	587,477	Dr. 6,913,832
Provision for income taxes	-	145	145	761	1,400	2,161	2,306	13,704
Net income after income taxes	Dr. 367,764	Dr. 48,072	Dr. 415,836	Dr. 167,435	Dr. 6,512	Dr. 173,947	589,783	Dr. 6,927,536

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

April 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	3,452,139	72,706	172,722	226,122	156,139	12,731,174	16,811,002	64,931,997
Express	18,051	-	8,034	34,873	1,204	259,243	321,405	1,259,161
Freight	225,078	81,705	54,419	697,677	21,944	697,677	1,080,823	3,869,831
Excess baggage	30,119	1,020	4,506	5,629	1,467	71,287	114,028	442,593
Mail	199,102	21,418	42,673	3,102	20,703	902,031	1,189,029	4,711,921
Total unit toll transportation ..	3,924,489	176,849	282,354	269,726	201,457	14,661,412	19,516,287	75,215,503
Bulk transportation	172,531	13,755	188,498	2,190	232,385	552,485	1,161,844	2,690,362
Total transportation	4,097,020	190,604	470,852	271,916	433,842	15,213,897	20,678,131	77,905,865
Other flying services	-	-	-	-	-	5,863	5,863	8,272
Total flying services	4,097,020	190,604	470,852	271,916	433,842	15,219,760	20,683,994	77,914,137
Non-flying services	28,884	14,252	9,515	1,914	2,143	229,990	286,698	863,120
Total operating revenues	4,125,904	204,856	480,367	273,830	435,985	15,449,750	20,970,692	78,877,257
Operating expenses:								
Flying operations	1,539,556	71,520	179,638	79,741	152,258	3,189,647	5,212,360	20,142,637
Maintenance	752,093	55,568	101,289	69,858	134,331	3,112,515	4,225,654	17,455,096
General services and administrations:								
Passenger service	415,516	6,383	10,252	3,330	15,686	1,104,330	1,555,497	5,948,651
Aircraft and traffic servicing	504,817	36,987	107,049	26,555	22,290	2,300,843	2,998,541	11,994,589
Promotion and sales	780,212	8,361	13,481	46,536	29,667	2,371,181	3,249,438	12,547,747
General administration	153,158	21,545	31,918	28,909	27,377	614,064	876,971	3,724,636
Totals	1,853,703	73,276	162,700	105,330	95,020	6,390,418	8,680,447	34,215,623
Depreciation and amortization	186,284	25,974	32,741	31,156	23,356	2,096,106	2,395,617	9,221,867
Total operating expenses	4,331,636	226,338	476,368	286,085	404,965	14,788,686	20,514,078	81,035,223
Operating income (loss)	Dr. 205,732	Dr. 21,482	3,999	Dr. 12,255	31,020	661,064	456,614	Dr. 2,157,966
Non-operating income - Net:								
Capital gains and losses	-	Dr. 7,902	-	-	Dr. 570	-	Dr. 8,472	77,650
Interest and discounts	42,041	1,490	-	41	-	62,006	105,578	429,916
Miscellaneous non-operating income ..	8,403	102	77	Dr. 441	Dr. 326	39,936	47,751	83,373
Income before interest expense	Dr. 155,288	Dr. 27,792	4,076	Dr. 12,655	30,124	763,006	601,471	Dr. 1,567,027
Interest expense	-	5,744	13,825	13,829	8,282	975,482	1,017,162	4,022,976
Income before income taxes	Dr. 155,288	Dr. 33,536	Dr. 9,749	Dr. 26,484	21,842	Dr. 212,476	Dr. 415,691	Dr. 5,590,003
Provision for income taxes	-	145	-	-	-	-	145	145
Net income after income taxes	Dr. 155,288	Dr. 33,681	Dr. 9,749	Dr. 26,484	21,842	Dr. 212,476	Dr. 415,836	Dr. 5,590,148

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

April 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services:									
Unit toll:									
Revenue departures	1,840	10,958	12,798	573	916	981	954	3,424	16,222
Revenue hours flown	3,582	14,228	17,810	549	883	790	1,103	3,325	21,135
Revenue miles scheduled	1,178,301	3,815,793	4,994,094	25,962	119,817	63,388	62,700	271,867	5,265,961
Revenue miles flown:									
Scheduled services - Regular	1,155,571	3,732,707	4,888,278	22,463	113,818	63,251	60,884	260,416	5,148,694
Extra section	8,871	253,611	262,482	1,557	3,039	2,397	-	6,993	269,475
Non-scheduled services	50,389	-	50,389	65,079	14,975	76,807	90,717	247,578	297,967
Totals	1,214,831	3,986,318	5,201,149	89,099	131,832	142,455	151,601	514,987	5,716,136
Ratio of regular miles flown to miles scheduled	98.1	97.8	97.9	86.5	95.0	99.8	97.1	95.8	97.8
Revenue passengers carried	35,839	315,077	351,916	4,083	7,159	7,960	4,999	24,201	376,117
Revenue goods carried:									
Express	80,181	709,483	789,664	-	19,241	142,955	10,010	172,206	961,870
Freight	492,878	4,428,736	4,921,614	594,621	435,663	-	143,243	1,173,527	6,095,141
Excess baggage	-	-	-	8,721	13,859	26,874	7,492	56,946	56,946(2)
Mail	176,922	2,592,098	2,769,020	117,448	156,603	25,252	70,929	370,232	3,139,252
Totals	749,981	7,730,317	8,480,298	720,790	625,366	195,081	231,674	1,772,911	10,253,209
Revenue passenger-miles:									
Scheduled services	59,168,155	204,441,751	263,609,906	315,637	1,960,457	1,179,212	509,406	3,964,712	267,574,618
Non-scheduled services	1,167,122	-	1,167,122	409,521	49,332	1,464,344	1,207,877	3,131,074	4,298,196
Totals	60,335,277	204,441,751	264,777,028	725,158	2,009,789	2,643,556	1,717,283	7,095,786	271,872,814
Available seat-miles on scheduled services	134,605,337	362,246,810	496,852,147	922,800	4,880,054	2,203,240	1,403,613	9,409,707	506,261,854
Passenger load factor on scheduled services	44.0	56.4	53.1	34.2	40.2	53.5	36.3	42.1	52.9
Revenue goods ton-miles:									
Express - Scheduled services	20,686	267,259	287,945	-	5,423	14,494	826	20,743	308,688
Non-scheduled services	868	-	868	-	-	16,843	1,014	17,857	18,725
Totals	21,554	267,259	288,813	-	5,423	31,337	1,840	38,600	327,413
Freight - Scheduled services	618,284	2,629,203	3,247,487	4,493	118,663	-	2,255	125,411	3,372,898
Non-scheduled services	1,654	-	1,654	129,110	1,284	-	21,151	151,545	153,199
Totals	619,938	2,629,203	3,249,141	133,603	119,947	-	23,406	276,956	3,526,097

See footnotes at end of table.

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(L)	Quebecair Inc.(L)	Transair Ltd.(L)	Total(L)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	34,260	124,357	158,617	251	2,352	2,260	288	5,151	163,768
Non-scheduled services	111	-	111	666	27	3,663	1,276	5,632	5,743
Totals	34,371	124,357	158,728	917	2,379	5,923	1,564	10,783	169,511
Mail - Scheduled services	151,545	1,086,787	1,240,332	3,916	39,053	335	2,373	45,677	1,286,009
Non-scheduled services	3,797	-	3,797	9,291	120	2,700	7,076	19,187	22,984
Totals	155,342	1,086,787	1,244,129	13,207	39,173	3,035	9,449	64,864	1,308,993
Total - Scheduled services	824,775	4,109,606	4,934,381	8,660	165,491	17,089	5,742	196,982	5,131,363
Non-scheduled services	6,430	-	6,430	139,067	1,431	23,206	30,517	194,221	200,651
Totals	831,205	4,109,606	4,940,811	147,727	166,922	40,295	36,259	391,203	5,332,014
Available ton-miles on scheduled services	17,472,360	49,621,703	67,094,063	106,988	685,182	218,018	148,492	1,158,680	68,252,743
Weight load factor on scheduled services(3)	38.6	49.5	46.6	37.6	52.8	61.9	38.2	51.2	46.7
Bulk:									
Revenue - Departures	44	145	189	93	1,295	5	267	1,660	1,849
Hours flown	227	525	752	69	1,310	8	700	2,087	2,839
Miles flown	73,965	234,120	308,085	9,905	161,729	1,491	127,097	300,222	608,307
Passengers carried	1,579	6,610	8,189	78	2,077	28	600	2,783	10,972
Freight carried	-	-	-	514,315	1,988,074	12,150	731,021	3,245,560	3,245,560
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	18	18	-	-	-	-	-	18
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,884	11,103	12,987	666	2,211	986	1,221	5,084	18,071
Hours flown	3,809	14,771	18,580	618	2,193	798	1,803	5,412	23,992
Miles flown	1,288,796	4,220,438	5,509,234	99,004	293,561	143,946	278,698	815,209	6,324,443
Passengers carried	37,418	322,687	360,105	4,161	9,236	7,988	5,599	26,984	387,089
Cargo carried	573,059	5,138,219	5,711,278	1,108,936	2,442,976	155,105	884,274	4,591,293	10,302,571
Goods carried	749,981	7,730,317	8,480,298	1,235,105	2,613,440	207,231	962,695	5,018,471	13,498,769

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

April 1963

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-Revenue:									
Hours flown	173	429	602	13	144	38	172	367	969
Passengers carried	1,862	..	..	162	228	177	118	685	..
Goods carried	140,354	..	..	12,536	41,697	-	27,674	81,907	..
Passenger-miles	4,104,932	14,274,376	18,379,308	31,329	19,164	63,800	57,474	171,767	18,551,075
Goods ton-miles	191,389	385,409	576,798	2,821	12,230	-	8,211	23,262	600,060
Fuel consumed:									
Turbo fuel - Quantity	3,195,588	11,463,003	14,658,591	49,386	-	136,372	-	185,758	14,844,349
Cost	561,778	1,530,432	2,092,210	10,742	-	25,414	-	36,156	2,128,366
Gasoline - Quantity	327,711	13,666	341,377	51,897	220,547	21,823	244,532	538,799	880,176
Cost	92,692	4,230	96,922	17,017	88,133	7,974	82,133	195,257	292,179
Oil consumed:									
Turbo aircraft - Quantity ..	344	3,130	3,474	-	-	708	-	708	4,182
Cost	2,659	33,027	35,686	-	-	521	-	521	36,207
Other aircraft - Quantity ..	3,967	177	4,144	524	2,374	683	3,327	6,908	11,052
Cost	3,993	163	4,156	579	2,967	540	3,327	7,413	11,569
Average number of employees:									
Flying personnel	452	1,425	1,877	24	71	35	71	201	2,078
Other personnel	2,208	10,171	12,379	120	340	244	264	968	13,347
Totals	2,660	11,596	14,256	144	411	279	335	1,169	15,425
Salaries and wages paid:									
Flying personnel	378,634	1,056,691	1,435,325	16,728	59,043	24,118	42,541	142,430	1,577,755
Other personnel	958,249	5,044,113	6,002,362	44,966	140,232	93,540	97,757	376,495	6,378,857
Totals	1,336,883	6,100,804	7,437,687	61,694	199,275	117,658	140,298	518,925	7,956,612

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

April 1963

- 13 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	29,691	3,692	6,566	7,960	4,557	273,752	326,218
Domestic interline	2,682	391	-	-	-	42,325	48,650
Foreign interline	3,252	-	-	-	-	-	-
Totals(2)	35,625	4,083	6,566	7,960	4,557	316,077	374,868
Revenue express carried:							
Originated	80,181	-	19,241	142,955	10,010	709,483	961,870
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	80,181	-	19,241	142,955	10,010	709,483	961,870
Revenue freight carried:							
Originated	407,094	477,206	409,741	-	54,358	4,428,736	5,777,135
Domestic interline	9,020	-	-	-	-	-	9,020
Foreign interline	33,197	-	-	-	-	-	33,197
Totals(2)	449,311	477,206	409,741	-	54,358	4,428,736	5,819,352
Revenue excess baggage carried:							
Originated .....	..	8,721	13,380	26,874	7,137	..	56,112(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	8,721	13,380	26,874	7,137	..	56,112(3)
Revenue mail carried:							
Originated	176,922	117,448	153,924	25,252	26,695	2,592,098	3,092,339
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	176,922	117,448	153,924	25,252	26,695	2,592,098	3,092,339

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group 1 carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

April 1963

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,856	406	492	116	2,870	9,928	12,798
Revenue hours flown	2,689	1,464	1,398	790	6,341	11,469	17,810
Revenue miles scheduled	561,432	685,406	479,478	320,263	2,046,579	2,947,515	4,994,094
Revenue miles flown:							
Scheduled services - Regular	545,360	667,415	471,910	314,729	1,999,414	2,888,864	4,888,278
Extra sections	65,699	324	113,101	4,738	183,862	78,620	262,482
Non-scheduled services	-	-	-	-	-	50,389	50,389
Totals	611,059	667,739	585,011	319,467	2,183,276	3,017,873	5,201,149
Ratio of regular miles flown to miles scheduled	97.1	97.4	98.4	98.3	97.7	98.0	97.9
Revenue passengers carried No.	...	...	...	...	124,173	227,743	351,916
Revenue cargo carried lb.	...	...	...	...	2,410,435	3,300,843	5,711,278
Revenue mail carried .....	...	...	...	...	368,746	2,400,274	2,769,020
Revenue passenger-miles	29,381,293	37,572,734	37,086,006	15,605,156	119,645,189	145,131,839	264,777,028
Available seat-miles on scheduled services	45,553,309	88,737,128	74,278,638	37,477,760	246,046,835	250,805,312	496,852,147
Passenger load factor on scheduled services ...	64.5	42.3	49.9	41.6	48.6	57.4	53.1
Revenue goods ton-miles:							
Express	40,681	-	-	-	40,681	248,132	288,813
Freight	226,524	805,150	241,790	223,886	1,497,350	1,751,791	3,249,141
Excess baggage	16,244	16,508	26,637	8,716	68,105	90,623	158,728
Mail	39,211	182,799	43,733	62,487	328,230	915,899	1,244,129
Totals	322,660	1,004,457	312,160	295,089	1,934,366	3,006,445	4,940,811
Available ton-miles on scheduled services	5,567,317	12,906,463	10,345,489	4,738,963	33,558,232	33,535,831	67,094,063
Weight load factor on scheduled services(1) ...	58.6	36.9	38.9	39.2	41.4	51.9	46.6

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

April 1963

	Month		Year to date	
	Revenue hours	Revenue earned \$	Revenue hours	Revenue earned \$
	No.		No.	
Flying training	2,776	50,614	9,182	168,838
Recreational flying	917	21,274	2,787	52,827
Aerial photography and survey	111	3,691	356	52,521
Aerial photography (excluding survey)	188	28,202	279	30,363
Aerial pest control	38	1,889	38	1,889
Aerial advertising	4	500	4	500
Aerial patrol and inspection	816	84,865	3,201	302,354
Aircraft rental	35	548	119	1,774
Aerial fish cultivation	-	-	-	-
Geophysical survey	441	34,245	2,165	226,826
Non-transportation charter	25	6,459	244	57,817
Other specialty flying	46	2,555	208 ^r	17,631 ^r
Total specialty flying	5,397	234,842	18,583	913,340

^r Revised figures.

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

April 1963

	Month(1)	Year to date
Revenue hours flown	1,085	4,575
Average number of aircraft	96	109
Average number of employees:		
Flying personnel	133	131
Other personnel	101	100
Totals	234	231
Salaries and wages paid:		
Flying personnel	82,633	318,199
Other personnel	56,946	203,919
Totals	139,579	522,118
Operating revenues:		
Bulk transportation	120,853	544,957
Other flying services	18,566	90,966
Non-flying services	65,204	45,432
Totals	204,623	681,355
Operating expenses:		
Flying operations	200,554	595,108
Maintenance	115,350	384,146
General services and administration	46,198	166,202
Depreciation and amortization	38,080	190,092
Totals	400,182	1,335,548
Operating income (loss)	Dr. 195,559	Dr. 654,193
Net income (deficit) after income taxes	Dr. 205,710	Dr. 676,896

(1) Excludes 2 carriers operating 19 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

April 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	68,731	74,489	143,220	9,376	10,849	20,225
Bulk transportation "	687	712	1,399	4,774	1,820	6,594
Totals "	69,418	75,201	144,619	14,150	12,669	26,819
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	468,867	1,874,433	2,343,300	487,680	906,449	1,394,129
Bulk transportation "	-	-	-	33,003	-	33,003
Totals "	468,867	1,874,433	2,343,300	520,683	906,449	1,427,132
Mail carried (unit toll transportation) "	120,654	223,675	344,329	110,473	119,351	229,824
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	7,252	9,712	16,964	85,359	95,050	180,409
Bulk transportation "	354	249	603	5,815	2,781	8,596
Totals "	7,606	9,961	17,567	91,174	97,831	189,005
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	132,292	92,489	224,781	1,088,839	2,873,371	3,962,210
Bulk transportation "	-	-	-	33,003	-	33,003
Totals "	132,292	92,489	224,781	1,121,842	2,873,371	3,995,213
Mail carried (unit toll transportation) "	14,513	14,241	28,754	245,640	357,267	602,907
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	56,804	63,546	120,350	28,555	31,504	60,059
Bulk transportation "	4,991	2,245	7,236	824	536	1,360
Totals "	61,795	65,791	127,586	29,379	32,040	61,419
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	704,475	1,620,457	2,324,932	384,364	1,252,914	1,637,278
Bulk transportation "	-	-	-	33,003	-	33,003
Totals "	704,475	1,620,457	2,324,932	417,367	1,252,914	1,670,281
Mail carried (unit toll transportation) "	178,263	169,610	347,873	67,377	187,657	255,034

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd., and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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SYMBOLS

The Interpretation of the symbols used in the tables throughout this publication is as follows:

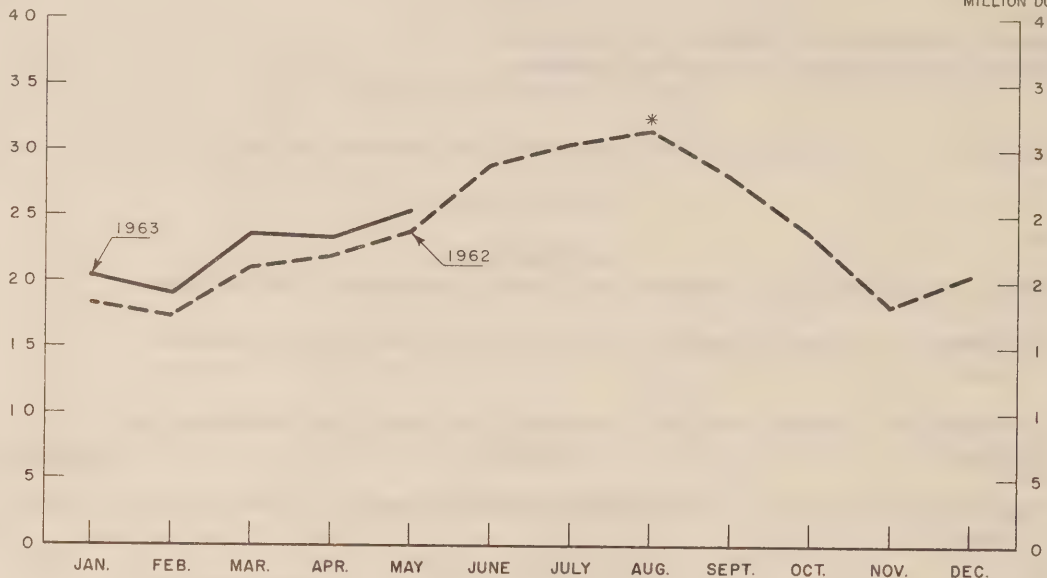
- .. Figures are not available
- ... Figures not appropriate or not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963

MILLION DOLLARS

MILLION DOLLARS



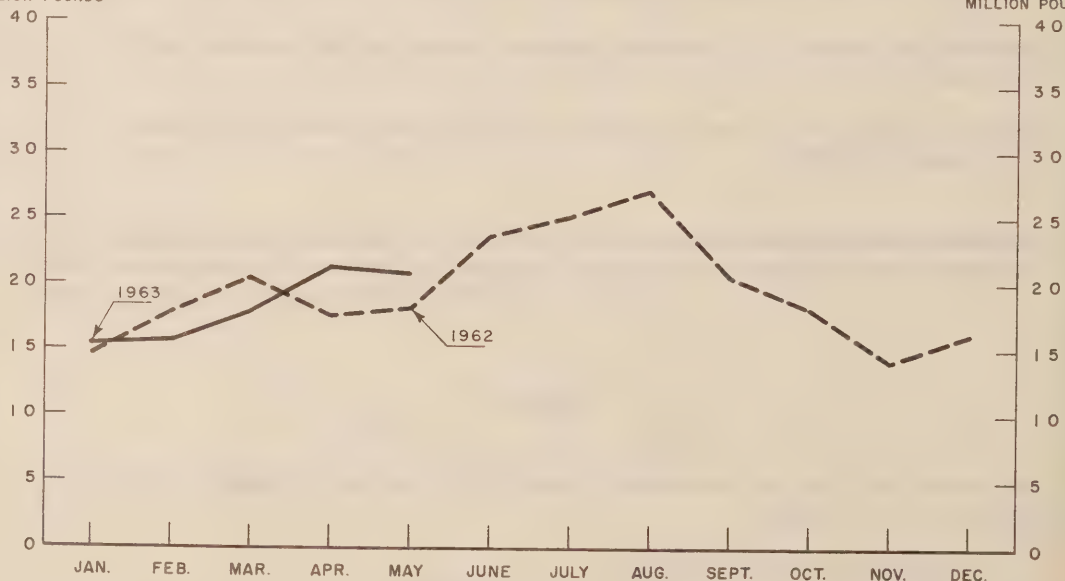
* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services; Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of May operations

During the month of May, Canadian air carriers transported 2.7 per cent more revenue passengers and 14.2 per cent more revenue goods than in May 1962. Passengers carried increased to 458,215 from 446,107 while the revenue goods flown rose to 20,735,036 lbs. from 18,185,311 lbs. The revenue miles flown increased 5.1 per cent to 8,617,034 from 8,197,594. Both operating revenues and expenses increased, the revenues rising 7.3 per cent to \$25,433,775 from \$23,694,751 and expenses 5.0 per cent to \$24,404,177 from \$23,240,751. As a result there was an operating income of \$1,029,598 compared with \$454,000 during May of 1962, and a net income of \$55,640, after provision for income taxes compared to a net deficit of \$478,367 last year.

The number of revenue passengers carried for the first five months of 1963 remained approximately the same as the number carried in the corresponding five months in 1962 at 2,039,802. The volume of goods decreased 1.4 per cent to 91,703,021 lbs. from 93,039,136 lbs. The operating revenues for this five month period showed a 9.1 per cent increase to \$111,853,101 from \$102,539,679, and the operating expenses rose 4.3 per cent to \$114,281,984 from \$109,619,979.

The six scheduled carriers (as per Tables 3,4 and 5) during the month of May transported 408,-272 revenue passengers, 89.1 per cent of the total carried and 13,748,036 lbs. of revenue goods, 66.3 per cent of the total. Corresponding figures for May 1962 are 401,199 passengers (89.9 per cent) and 11,790,333 lbs. of revenue goods (64.9 per cent). The scheduled carriers also reported operating revenues of \$22,514,362 or 88.5 per cent of the total, and operating expenses of \$21,567,739 or 88.4 per cent.

Foreign carriers licensed to operate in Canada transported 65,794 revenue passengers during May compared to 70,339 in May 1962 a drop of 6.5 per cent, and the volume of revenue goods declined 4.0 per cent, to 2,051,636 lbs. from 2,137,415 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only. Details of passengers in transit through Canada have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

May 1963

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers			United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	20	63	83	89	9	9	107	...
Transportation services:									
Unit toll:									
Revenue departures	17,587	2,356	368	2,724	20,311	..	..	..	..
Revenue hours flown	22,207	2,623	270	2,893	25,100	304	858	26,262	125,582
Revenue miles scheduled	5,596,150	...	...	...	5,596,150	75,797	364,093	6,036,040	28,501,118
Revenue miles flown:									
Scheduled services	5,692,589(4)	...	...	...	5,692,589(4)	75,454	344,519	6,112,562(4)	28,836,573(4)
Non-scheduled services	306,370(4)	357,518	35,916	393,434	699,804(4)	-	-	699,804(4)	3,311,285(4)
Totals	5,998,959	357,518	35,916	393,434	6,392,393	75,454	344,519	6,812,366	32,147,858
Revenue passengers carried	392,235	12,005	1,454	13,459	405,694	45,225	17,033	467,952	2,182,608
Revenue goods carried:									
Cargo	7,969,682	537,027	28,646	565,673	8,535,355	767,854	1,029,613	10,422,497	45,343,896
Excess baggage	66,942(5)	17,562	5,171	22,733	89,675(5)	126,532	127,637	3,652,377	18,835,882
Mail	3,271,087	166,662	10,459	177,121	3,398,208	894,386	1,157,250	14,074,874	64,179,778
Totals	11,257,711	721,251	44,270	765,527	12,023,238	1,912,593	13,754,727	300,825,716	1,419,835,890
Revenue passenger-miles No.	282,198,176	2,869,055	91,165	2,960,220	285,158,396	1,912,593	13,754,727	300,825,716	1,419,835,890
Revenue goods ton-miles:									
Cargo	4,211,489	168,163	1,608	169,771	4,381,260	17,249	369,142	4,953,764	21,854,681
Excess baggage	177,613	8,361	139	8,500	186,113	2,551	54,194	1,464,221	7,071,580
Mail	1,369,607	36,888	981	37,869	1,407,476	19,800	423,336	6,417,985	28,926,261
Totals	5,758,709	213,412	2,728	216,140	5,974,849	19,800	423,336	6,417,985	28,926,261
Bulk:									
Revenue - Departure	2,625	6,711	9,642	16,353	18,978	..	..	..	..
Hours flown	3,484	8,382	7,200	15,582	19,066	-	56	19,122	65,104
Miles flown	732,590	723,779	758,272	1,492,051	2,224,641	-	31,797	2,256,438	7,743,966
Passengers carried ..	16,037	15,571	20,913	36,484	52,521	-	3,536	56,057	155,702
Freight carried .. lb.	2,490,325	4,203,603	2,017,870	6,221,473	8,711,798	-	-	8,711,798	37,446,193
Non-transportation services:									
Specialty flying:									
Revenue hours flown	37	2,480	5,778	8,258	8,295	-	-	8,295	26,878

See footnotes at end of table.

May 1963

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	Canadian carriers				Foreign carriers(2)			Grand total all carriers	Year to date
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV				Total		
Total - All services:									
Traffic, hours and miles: (6)									
Revenue:									
Departures	No.	20,212	9,067	10,010	19,077	39,289	**	**	**
Hours flown	"	25,728	13,485	13,248	26,733	52,461	304	914	217,564
Miles flown	"	6,731,549	1,081,297	804,188	1,885,485	8,617,034	75,454	376,316	39,891,824
Passengers carried	"	408,272	27,576	22,367	49,943	458,215	45,225	20,569	2,338,310
Cargo carried	lb.	10,460,007	4,740,630	2,046,516	6,787,146	17,247,153	767,854(7)	1,029,613(7)	82,790,089(7)
Goods carried	"	13,748,036	4,924,854	2,062,146	6,987,000	20,735,036	894,386	1,157,250	101,625,971
Non-revenue:									
Hours flown	No.	1,026	1,067	538	1,605	2,631	-	-	9,791
Passengers carried	"	**	282	1	283	**	804	1,089	**
Goods carried	lb.	20,474,070	40,184	-	40,184	20,660,877	8,908	81,250	**
Passenger-miles	No.	689,217	186,766	41	186,807	705,578	31,587	882,634	76,292,826
Goods ton-miles	"		16,361	-	16,361	705,578	168	27,509	2,954,911
Fuel consumed:									
Turbo fuel - Quantity	gal.	16,330,609	59,117	17,383	76,500	16,407,109	41,936	2,551,632	19,000,677
Cost	\$	2,379,199	14,188	4,901	19,089	2,398,288	11,626	401,302	2,811,216
Gasoline - Quantity	gal.	869,355	633,886	188,231	822,117	1,691,472	68,210	134,198	12,209,656
Cost	\$	301,489	261,322	80,541	341,863	643,352	15,444	28,329	8,404,511
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	4,573	-	-	-	4,573	19	112	21,145
Cost	\$	39,613	-	-	-	39,613	32	938	179,578
Other aircraft - Quantity ..	gal.	11,887	7,331	2,401	9,732	21,619	388	1,402	103,000
Cost	\$	11,829	12,178	3,273	15,451	27,280	250	1,106	124,210
Average number of employees:									
Flying personnel	No.	2,112	438	271	709	2,821	**	**	**
Other personnel	"	13,396	895	552	1,337	14,291	**	**	**
Totals	"	15,508	1,333	773	2,106	17,614	230	750	18,319
Salaries and wages paid:									
Flying personnel	\$	1,629,050	295,359	146,872	442,231	2,071,281	**	**	**
Other personnel	\$	6,436,315	389,513	198,677	589,610	7,026,428	**	**	**
Totals	\$	8,068,365	684,892	344,949	1,029,841	9,098,206	113,219	341,365	45,757,215
(1) Group II non-scheduled carriers included with Group III for purposes of this report.							(5) Excludes Group I carriers.		
(2) See Introduction, page 5, last paragraph.							(6) Except for hours flown, these data relate to transportation services only.		
(3) Includes fifth freedom traffic between United States and Canada.							(7) Includes excess baggage.		
(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.									

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

May 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers	17,123,377	749,435	17,872,812	340,201	17,835	358,036	18,230,848	84,209,983
Express	312,310	44,798	357,108	9,731	361	10,092	367,200	1,670,643
Freight	981,933	137,269	1,119,202	90,367	2,611	92,978	1,212,180	5,380,938
Excess baggage	97,249	15,709	112,958	9,425	280	9,705	122,663	585,753
Mail	1,107,194	96,074	1,203,268	87,071	3,516	90,587	1,293,855	6,476,529
Total unit toll transportation ..	19,622,063	1,043,285	20,665,348	536,795	24,603	561,398	21,226,746	98,323,846
Bulk transportation	940,983	475,675	1,416,658	1,178,095	557,051	1,735,146	3,151,804	9,905,135
Total transportation	20,563,046	1,518,960	22,082,006	1,714,890	581,654	2,296,544	24,378,550	108,228,981
Other flying services	9,885	-	9,885	228,094	166,870	394,964	404,849	1,321,214
Total flying services	20,572,931	1,518,960	22,091,891	1,942,984	748,524	2,691,508	24,783,399	109,550,195
Non-flying services	407,139	15,332	422,471	31,060	196,845	227,905	650,376	2,302,906
Total operating revenues	20,980,070	1,534,292	22,514,362	1,974,044	945,369	2,919,413	25,433,775	111,853,101
Operating expenses:								
Flying operations	5,107,688	543,279	5,650,967	801,106	322,431	1,123,537	6,774,504	30,329,376
Maintenance	4,000,355	399,144	4,399,499	636,424	253,601	890,025	5,289,524	25,290,831
General services and administration:								
Passenger service	1,531,290	39,733	1,571,023	-	-	-	-	-
Aircraft and traffic servicing	2,934,880	182,419	3,117,299	-	-	-	-	-
Promotion and sales	3,279,383	112,903	3,392,286	-	-	-	-	-
General administration	844,517	107,847	952,364	-	-	-	-	-
Totals	8,590,070	442,902	9,032,972	394,016	165,335	559,351	9,592,323	45,688,038
Depreciation and amortization	2,344,780	139,521	2,484,301	183,366	80,159	263,525	2,747,826	12,973,739
Total operating expenses	20,042,893	1,524,846	21,567,739	2,014,912	821,526	2,836,438	24,404,177	114,281,984
Operating income (loss)	937,177	9,446	946,623	Dr.	123,843	82,975	1,029,598	Dr. 2,428,883
Non-operating income - Net:								
Capital gains and losses	-	26,908	26,908	14,286	9,726	24,012	50,920	281,319
Interest and discounts	86,785	370	86,415	7,843	589	7,254	93,669	533,552
Miscellaneous non-operating income ..	Dr.	Dr.	Dr.	3,637	2,360	1,277	4,486	70,179
Income before interest expense	1,021,650	35,087	1,056,737	Dr.	135,340	112,964	1,169,701	Dr. 1,543,833
Interest expense	1,012,848	41,686	1,054,534	45,307	13,698	59,005	1,113,539	5,313,837
Income before income taxes	8,802	6,599	2,203	Dr.	121,642	53,959	56,162	Dr. 6,857,670
Provision for income taxes	-	-	-	474	48	522	522	14,226
Net income after income taxes	8,802	6,599	2,203	Dr.	121,594	53,437	55,640	Dr. 6,871,896

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(1) Group II non-scheduled carriers included with Group III for purposes of this report

May 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	3,503,659	72,909	247,833	251,330	177,363	13,619,718	17,872,812	82,804,809
Express	18,823	-	8,545	34,303	1,950	293,487	357,108	1,616,269
Freight	240,949	52,985	60,580	-	23,704	740,984	1,119,202	4,989,033
Excess baggage	31,439	1,001	7,395	5,787	1,526	65,810	112,958	555,551
Mail	216,477	22,725	43,587	3,230	26,532	890,717	1,203,268	5,915,189
Total unit toll transportation ..	4,011,347	149,620	367,940	294,650	231,075	15,610,716	20,665,348	95,880,851
Bulk transportation	188,751	16,129	207,870	2,703	248,973	752,232	1,416,658	4,107,020
Total transportation	4,200,098	165,749	575,810	297,353	480,048	16,362,948	22,082,006	99,987,871
Other flying services	-	-	-	-	-	9,885	9,885	18,157
Total flying services	4,200,098	165,749	575,810	297,353	480,048	16,372,833	22,091,891	100,006,028
Non-flying services	108,057	8,108	4,294	1,918	1,012	299,082	422,471	1,385,591
Total operating revenues	4,308,155	173,857	580,104	299,271	481,060	16,671,915	22,514,362	101,391,619
Operating expenses:								
Flying operations	1,681,862	65,217	210,383	89,578	178,101	3,425,826	5,650,967	25,793,604
Maintenance	730,842	35,081	127,944	76,203	159,916	3,269,513	4,399,499	21,854,595
General services and administrations:								
Passenger service	403,512	4,191	11,423	6,522	17,597	1,127,778	1,571,023	7,519,674
Aircraft and traffic servicing	523,411	28,334	101,903	25,695	26,487	2,611,469	3,117,299	15,111,888
Promotion and sales	791,839	3,537	17,104	50,944	41,318	2,487,544	3,392,286	15,940,033
General administration	172,077	19,386	32,019	30,191	26,251	672,440	952,364	4,677,000
Totals	1,890,839	55,448	162,449	113,352	111,653	6,699,231	9,032,972	43,248,595
Depreciation and amortization	193,935	52,508	32,608	31,157	23,248	2,150,845	2,484,301	11,706,168
Total operating expenses	4,497,478	208,254	533,384	310,290	472,918	15,545,415	21,567,739	102,602,962
Operating income (loss)	Dr. 189,323	Dr. 34,397	Dr. 46,720	Dr. 11,019	Dr. 8,142	Dr. 1,126,500	Dr. 946,623	Dr. 1,211,343
Non-operating income - Net:								
Capital gains and losses	-	25,087	1,795	-	26	-	26,908	104,558
Interest and discounts	43,986	430	-	23	37	42,799	86,415	516,331
Miscellaneous non-operating income ..	6,027	44	596	Dr. 1,395	Dr. 142	Dr. 8,339	Dr. 3,209	80,164
Income before interest expense	Dr. 139,310	Dr. 9,696	Dr. 49,111	Dr. 12,391	Dr. 8,063	Dr. 1,160,960	Dr. 1,056,737	Dr. 510,290
Interest expense	-	6,311	13,857	12,919	8,599	1,012,848	1,054,534	5,077,510
Income before income taxes	Dr. 139,310	Dr. 16,007	Dr. 35,254	Dr. 25,310	Dr. 536	Dr. 148,112	Dr. 2,203	Dr. 5,587,800
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	Dr. 139,310	Dr. 16,007	Dr. 35,254	Dr. 25,310	Dr. 536	Dr. 148,112	Dr. 2,203	Dr. 5,587,945

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

May 1963

	Group I carriers				Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)		
Transportation services:										
Unit toll:										
Revenue departures	No.	1,920	11,452	13,372	665	1,090	1,247	1,213	4,215	17,587
Revenue hours flown	"	3,567	14,549	18,116	614	1,241	973	1,263	4,091	22,207
Revenue miles scheduled	"	1,156,718	4,018,767	5,175,485	27,148	174,239	114,742	104,546	420,675	5,596,150
Revenue miles flown:										
Scheduled services - Regular	"	1,156,718	4,002,543	5,159,261	24,756	160,318	107,198	98,564	390,836	5,550,097
Extra section	"	4,950	122,190	127,140	225	13,731	-	1,396	15,352	142,492
Non-scheduled services	"	60,977	-	60,977	79,268	12,527	71,503	82,095	245,393	306,370
Totals	"	1,222,645	4,124,733	5,347,378	104,249	186,576	178,701	182,055	651,581	5,998,959
Ratio of regular miles flown to miles scheduled										
Ratio of regular miles flown to miles scheduled		100.0	99.6	99.7	91.2	92.0	93.4	94.3	92.9	99.2
Revenue passengers carried	No.	37,563	326,698	364,261	3,890	9,564	8,458	6,062	27,974	392,235
Revenue goods carried:										
Express	lb.	84,797	791,063	875,860	-	29,904	163,752	13,737	207,393	1,083,253
Freight	"	498,954	4,855,530	5,354,484	846,160	543,709	-	142,076	1,531,945	6,886,429
Excess baggage	"	-	-	-	8,207	21,575	29,408	7,752	66,942	66,942(2)
Mail	"	195,918	2,615,736	2,811,654	123,162	155,064	26,657	104,550	409,433	3,221,087
Totals	"	779,669	8,262,329	9,041,998	977,529	750,252	219,817	268,115	2,215,713	11,257,711
Revenue passenger-miles:										
Scheduled services	No.	58,358,443	214,479,902	272,838,345	286,033	2,613,143	1,595,409	1,123,858	5,618,443	278,456,788
Non-scheduled services	"	1,196,207	-	1,196,207	441,224	33,188	1,193,636	877,133	2,545,181	3,741,388
Totals	"	59,554,650	214,479,902	274,034,552	727,257	2,646,331	2,789,045	2,000,991	8,163,624	282,198,176
Available seat-miles on scheduled services										
Available seat-miles on scheduled services	"	138,232,959	385,703,042	523,936,001	1,086,326	7,124,358	3,648,200	2,911,515	14,770,399	538,706,400
Passenger load factor on scheduled services										
Passenger load factor on scheduled services		42.2	55.6	52.1	26.3	36.7	43.7	38.6	38.0	51.7
Revenue goods ton-miles:										
Express - Scheduled services	No.	22,479	302,559	325,038	-	7,840	18,366	1,902	28,108	353,146
Non-scheduled services	"	703	-	703	-	-	17,377	1,182	18,559	19,262
Totals	"	23,182	302,559	325,741	-	7,840	35,743	3,084	46,667	372,408
Freight - Scheduled services	"	626,223	2,846,850	3,473,073	2,505	140,126	-	7,184	149,815	3,622,888
Non-scheduled services	"	1,571	-	1,571	193,637	841	-	20,144	214,622	216,193
Totals	"	627,794	2,846,850	3,474,644	196,142	140,967	-	27,328	364,437	3,839,081

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

May 1963

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	36,282	128,668	164,950	205	3,676	2,925	918	7,724	172,674
Non-scheduled services	74	-	74	796	38	3,198	833	4,865	4,939
Totals	36,356	128,668	165,024	1,001	3,714	6,123	1,751	12,589	177,613
Mail - Scheduled services	175,321	1,121,178	1,296,499	4,122	39,417	810	5,143	49,492	1,345,991
Non-scheduled services	4,154	-	4,154	9,680	157	1,211	8,414	19,462	23,616
Totals	179,475	1,121,178	1,300,653	13,802	39,574	2,021	13,557	68,954	1,369,607
Total - Scheduled services	860,305	4,399,255	5,259,560	6,832	191,059	22,101	15,147	235,139	5,494,699
Non-scheduled services	6,502	-	6,502	204,113	1,036	21,786	30,573	257,508	264,010
Totals	866,807	4,399,255	5,266,062	210,945	192,095	43,887	45,720	492,647	5,758,709
Available ton-miles on scheduled services	18,135,613	52,771,927	70,907,540	117,463	864,178	361,875	361,526	1,705,042	72,612,582
Weight load factor on scheduled services(3)	36.9	49.0	45.9	30.2	52.3	50.2	35.3	46.7	45.9
Bulk:									
Revenue - Departures	52	170	222	40	1,940	6	417	2,403	2,625
Hours flown	228	660	888	57	1,683	9	847	2,596	3,884
Miles flown	69,914	303,834	373,748	9,417	204,225	1,876	143,324	358,842	732,590
Passengers carried	1,930	8,494	10,424	728	3,872	70	943	5,613	16,037
Freight carried lb.	-	15,120	15,120	80,593	1,439,967	-	954,645	2,475,205	2,490,325
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	37	37	-	-	-	-	-	37
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,972	11,622	13,594	705	3,030	1,253	1,630	6,618	20,212
Hours flown	3,795	15,246	19,041	671	2,924	982	2,110	6,687	25,728
Miles flown	1,292,559	4,428,567	5,721,126	113,666	390,801	180,577	325,379	1,010,423	6,731,549
Passengers carried	39,493	335,192	374,685	4,618	13,436	8,528	7,005	33,587	408,272
Cargo carried	583,751	5,661,713	6,245,464	926,753	2,013,580	163,752	1,110,458	4,214,543	10,460,007
Goods carried	779,669	8,277,449	9,057,118	1,038,122	2,190,219	219,817	1,222,760	4,690,918	13,748,036

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

May 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic, hours and miles (4) - Concluded:									
Non-revenue:									
Hours flown	284	367	651	19	247	17	92	375	1,026
Passengers carried	2,703	..	..	203	314	185	170	872	..
Goods carried	139,456	..	..	31,202	33,031	-	34,948	99,181	..
Passenger-miles	6,814,116	13,389,694	20,203,810	38,161	105,662	57,114	69,323	270,260	20,474,070
Goods ton-miles	205,913	464,536	670,449	4,949	8,833	-	4,986	18,768	689,217
Fuel consumed:									
Turbo fuel - Quantity	3,775,864	12,335,189	16,111,053	66,157	-	153,399	-	219,556	16,330,609
Cost	659,319	1,672,400	2,331,719	13,376	-	34,104	-	47,480	2,379,199
Gasoline - Quantity	355,627	274	355,901	48,685	205,857	12,647	246,265	513,454	869,355
Cost	91,491	103	91,594	15,116	101,379	6,372	87,028	209,895	301,489
Oil consumed:									
Turbo aircraft - Quantity ..	436	3,484	3,920	-	-	653	-	653	4,573
Cost	2,993	35,976	38,969	-	-	644	-	644	39,613
Other aircraft - Quantity ..	4,410	-	4,410	618	2,776	775	3,308	7,477	11,887
Cost	3,964	-	3,964	650	3,470	437	3,308	7,865	11,829
Average number of employees:									
Flying personnel	487	1,411	1,898	25	77	35	77	214	2,112
Other personnel	2,184	10,245	12,429	126	328	245	268	967	13,396
Totals	2,671	11,656	14,327	151	405	280	345	1,181	15,508
Salaries and wages paid:									
Flying personnel	400,971	1,075,773	1,476,744	17,480	64,998	25,247	44,581	152,306	1,629,050
Other personnel	925,646	5,110,377	6,036,023	45,803	157,948	94,784	104,757	403,292	6,439,315
Totals	1,326,617	6,186,150	7,512,767	63,283	222,946	120,031	149,338	555,598	8,068,365

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

May 1963

- 13 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.						
Domestic interline	30,546	3,582	9,258	8,458	5,620	277,444	334,908
Foreign interline	2,610	308	-	-	-	49,254	56,007
Totals(2)	3,835	-	-	-	-	326,698	390,915
Revenue express carried:							
Originated	1b.						
Domestic interline	84,797	-	29,904	163,752	13,737	791,063	1,083,253
Foreign interline	-	-	-	-	-	-	-
Totals(2)	84,797	-	29,904	163,752	13,737	791,063	1,083,253
Revenue freight carried:							
Originated	1b.						
Domestic interline	416,545	607,901	534,735	-	82,593	4,855,530	6,497,304
Foreign interline	10,417	-	-	-	-	-	10,417
Totals(2)	28,104	-	-	-	-	-	28,104
	455,066	607,901	534,735	-	82,593	4,855,530	6,535,825
Revenue excess baggage carried:							
Originated	1b.						
Domestic interline	-	8,207	20,919	29,408	7,582	-	66,116(3)
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	8,207	20,919	29,408	7,582	-	66,116(3)
Revenue mail carried:							
Originated	1b.						
Domestic interline	195,918	123,162	153,850	26,657	37,192	2,615,736	3,152,515
Foreign interline	-	-	-	-	-	-	-
Totals(2)	195,918	123,162	153,850	26,657	37,192	2,615,736	3,152,515

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

May 1963

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No. 1,871	511	310	76	2,768	10,604	13,372
Revenue hours flown	2,558	1,995	809	471	5,833	12,283	18,116
Revenue miles scheduled	560,570	903,331	353,010	206,506	2,023,417	3,152,068	5,175,485
Revenue miles flown:							
Scheduled services - Regular	556,959	903,331	353,010	206,506	2,019,806	3,139,455	5,159,261
Extra sections	37,853	9,905	-	-	47,758	79,382	127,140
Non-scheduled services	-	-	-	-	-	60,977	60,977
Totals	594,812	913,236	353,010	206,506	2,067,564	3,279,814	5,347,378
Ratio of regular miles flown to miles scheduled	99.4	100.0	100.0	100.0	99.8	99.6	99.7
Revenue passengers carried	No. ....	...	...	...	114,547	249,714	364,261
Revenue cargo carried	lb. ....	...	...	...	2,716,039	3,514,305	6,230,344
Revenue mail carried .....	... ..	...	...	...	399,472	2,412,182	2,811,654
Revenue passenger-miles	No.	51,988,186	18,818,205	10,585,833	111,860,859	162,173,693	274,034,552
Available seat-miles on scheduled services	"	120,979,754	46,245,590	25,880,542	242,263,653	281,672,348	523,936,001
Passenger load factor on scheduled services ...	62.0	43.0	40.7	40.9	46.2	57.6	52.3
Revenue goods ton-miles:							
Express	No.	48,365	-	-	48,365	277,376	325,741
Freight	282,094	907,340	205,804	234,136	1,629,374	1,842,270	3,474,644
Excess baggage	13,843	21,841	21,961	7,488	65,133	99,891	165,024
Mail	42,958	197,690	48,928	79,701	369,277	931,376	1,300,653
Totals	387,260	1,126,871	276,693	321,325	2,112,149	3,153,913	5,266,062
Available ton-miles on scheduled services	"	17,059,071	6,484,961	3,371,867	33,109,117	37,798,423	70,907,540
Weight load factor on scheduled services(1) ...	55.4	37.1	33.3	40.9	40.2	50.9	45.9

(1) Standard passenger weight used: 200 pounds.

TABLE 1. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

May 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,443	57,840	12,625	226,678
Recreational flying	1,321	32,463	4,108	85,290
Aerial photography and survey	713	92,288	1,069	144,809
Aerial photography (excluding survey)	76	3,664	355	34,027
Aerial pest control	138	11,243	176	13,132
Aerial advertising	8	760	22	1,260
Aerial patrol and inspection	1,548	137,708	4,749	440,062
Aircraft rental	80	3,421	199	5,195
Aerial fish cultivation	-	-	-	-
Geophysical survey	840	69,727	3,005	296,553
Non-transportation charter	20	2,801	264	55,016
Other specialty flying	108	9,151	316	26,782
Total specialty flying	8,295	415,464	26,878	1,328,804

May 1963

TABLE 2. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

	Month	Year to date
Revenue hours flown	3,502	8,077
Average number of aircraft	111	109
Average number of employees:		
Flying personnel	166	138
Other personnel	96	99
Totals	262	237
Salaries and wages paid:		
Flying personnel	114,422	432,621
Other personnel	53,451	257,370
Totals	167,873	689,991
Operating revenues:		
Bulk transportation	369,185	914,142
Other flying services	52,706	143,672
Non-flying services	5,203	50,635
Totals	427,094	1,108,449
Operating expenses:		
Flying operations	152,839	747,947
Maintenance	177,525	561,671
General services and administration	78,831	245,033
Depreciation and amortization	49,363	239,455
Totals	458,558	1,794,106
Operating income (loss)	Dr. 31,464	Dr. 685,637
Net income (deficit) after income taxes	Dr. 34,646	Dr. 711,542

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

May 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	66,261	71,290	137,551	12,503	14,469	26,972
Bulk transportation "	388	323	711	5,714	5,357	11,071
Totals "	66,649	71,613	138,262	18,217	19,826	38,043
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	671,488	2,007,656	2,679,144	533,099	1,002,182	1,535,281
Bulk transportation "	15,120	-	15,120	-	-	-
Totals "	686,608	2,007,656	2,694,264	533,099	1,002,182	1,535,281
Mail carried (unit toll transportation) "	123,652	240,757	364,409	107,547	125,670	233,217
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,669	5,354	9,023	82,433	91,113	173,546
Bulk transportation "	107	238	345	6,209	5,918	12,127
Totals "	3,776	5,592	9,368	88,642	97,031	185,673
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	158,056	71,563	229,619	1,362,643	3,081,401	4,444,044
Bulk transportation "	-	-	-	15,120	-	15,120
Totals "	158,056	71,563	229,619	1,377,763	3,081,401	4,459,164
Mail carried (unit toll transportation) "	14,065	18,115	32,180	245,264	384,542	629,806
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	52,602	58,686	111,288	29,831	32,427	62,258
Bulk transportation "	1,383	2,153	3,536	4,535	4,056	8,591
Totals "	53,985	60,839	114,824	34,366	36,483	70,849
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	951,651	1,694,926	2,646,577	410,992	1,386,475	1,797,467
Bulk transportation "	-	-	-	15,120	-	15,120
Totals "	951,651	1,694,926	2,646,577	426,112	1,386,475	1,812,587
Mail carried (unit toll transportation) "	176,136	199,501	375,637	69,128	185,041	254,169

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd., and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

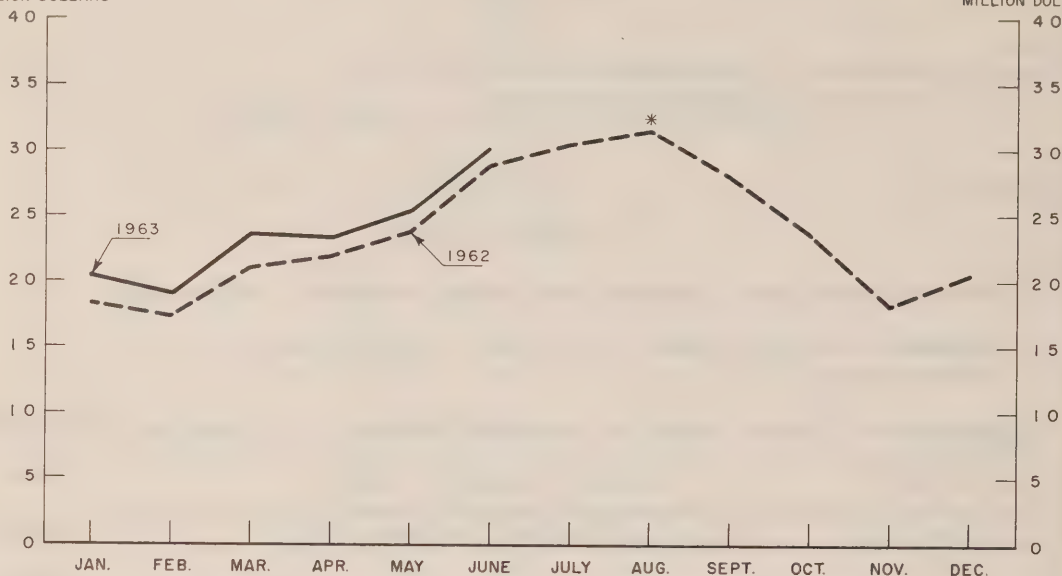
- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963

MILLION DOLLARS

MILLION DOLLARS



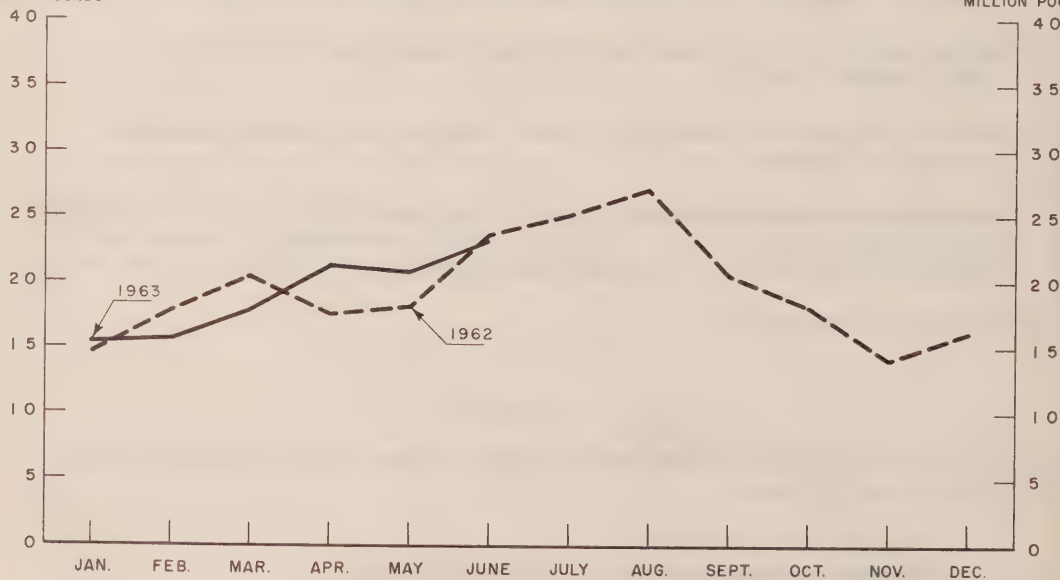
* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of June Operations:

During the month of June, 1963, Canadian air carriers transported more revenue passengers, but less revenue goods than in June of the previous year. Passengers carried rose 1.7 per cent over the same month in 1962 to 517,259 persons. Revenue goods flown, on the other hand, decreased 2.0 per cent from June, 1962 to 23,168,500 pounds (11,584 tons). The seasonal pattern of significant increase in June over May in the same year was retained; the increase being 11.7 per cent over the previous month. Revenue miles flown in June, 1963 rose a fraction of one per cent to 9,980,677 miles.

On the financial side, operating revenues increased 4.2 per cent over June, 1962 to \$30,046,585. Operating expenses on the same comparative basis also rose 4.2 per cent to \$25,564,348. The June, 1963 operations therefore showed an operating income figure of \$4,482,237 and a net income after provision for income taxes of \$3,568,432.

The Cumulative View:

During the first six months of 1963, there was a slight increase in the number of revenue passengers flown by Canadian carriers compared with the first six months of 1962. On the same comparative basis, there was a slight decrease in the volume of revenue freight flown. The increase in revenue passengers flown is consistent with the increase pattern of revenue passenger traffic over the past ten years. During the 1950's there was considerable irregularity in the annual totals of goods carried. The pattern shown thus far in the 1960's has been relatively consistent ranging between 228 million and 238 million pounds.

During the first six months of 1963, 2,557,071 passengers were carried by Canadian carriers while revenue goods flown amounted to 114,871,519 pounds (57,436 tons). Although the number of passengers carried has increased each year in the last ten, the rate of increase has slowed down since 1959. The first six month pattern of 1963 is consistent with this pattern. Revenue goods flown by Canadian Carriers, on the other hand, reached a peak in excess of 325 million pounds in 1956. By 1958, the amount of revenue goods flown had fallen to approximately 225 million pounds where it held through 1961. The 1962 experience was in excess of 235 million. If the experience for the first half of 1963 continues throughout the second half of the year, the total 1963 figure will be approximately 230 million pounds.

Operating revenues for the first six months of 1963 were \$141.9 million, an increase of 7.9 per cent over the same period last year. This rate of increase is consistent with the operating revenue pattern for Canadian carriers over the last ten years. During the period under review, the operating expenses rose 4.1 per cent to \$140 million.

Foreign Carriers:

Foreign carriers licensed to operate in Canada are required to report statistics of their performance over Canadian territory only. Passengers and goods in transit through Canada are excluded from these statistics.

The operations of the Mohawk Airlines are shown in this report for the first time. This Class 8 international scheduled carrier is licensed to carry passengers and goods between Toronto, Ontario and Buffalo, New York.

During June, 1963 foreign carriers licensed to operate in Canada transported 80,930 revenue passengers, which is 13.5 per cent of the total. The June 1963 passenger experience was 3.7 per cent higher than in June, 1962.

During June, 1963 foreign air carriers transported almost two million pounds (1,963,860) of revenue freight which was 11.8 per cent of the total. This experience was 15.1 per cent lower than in June, 1962.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

June 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers				United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	20	65	85	91	10	9	110	...	
Transportation services:										
Unit toll:										
Revenue departures	17,786	2,653	458	3,111	20,897	..	..	..	..
Revenue hours flown	23,211	2,847	399	3,246	26,457	316	1,102	27,875	153,457	
Revenue miles scheduled	5,891,277	...	...	...	5,891,277	76,099	447,187	6,414,563	34,915,681
Revenue miles flown:										
Scheduled services	6,061,312(4)	...	...	...	6,061,312(4)	75,665	407,957	6,544,934	32,147,858(4)
Non-scheduled services	315,816(4)	369,530	53,980	423,510	739,326(4)	-	-	739,326(4)	4,050,611(4)	
Totals	6,377,128	369,530	53,980	423,510	6,800,638	75,665	407,957	7,284,260	39,432,118	
Revenue passengers carried	425,265	14,191	2,099	16,290	441,555	53,421	22,905	517,881	2,700,489	
Revenue goods carried:										
Cargo	7,486,058	725,976	70,758	796,734	8,282,792	751,748	893,561	10,024,214	55,368,110	
Excess baggage	71,099	17,854	7,160	25,014	96,113	127,866	136,748	3,301,407	22,137,289	
Mail	2,938,584	82,215	15,994	98,209	3,036,793	879,614	1,030,309	13,325,621	77,505,399	
Totals	10,495,741	826,045	93,912	919,957	11,415,698	2,277,306	18,770,348	365,694,334	1,785,530,292	
Revenue passenger-miles	341,464,599	3,026,602	155,479	3,182,081	344,646,680	2,277,306	18,770,348	365,694,334	1,785,530,292	
Revenue goods ton-miles:										
Cargo	3,944,475	195,243	11,519	206,762	4,151,237	17,475	327,924	4,697,408	29,660,124	
Excess baggage	193,477	6,996	299	7,295	200,772	2,722	58,299	1,391,677	9,069,179	
Mail	1,297,252	25,618	7,786	33,404	1,330,656	20,197	386,223	6,089,085	38,729,303	
Totals	5,435,204	227,857	19,604	247,461	5,682,665	..	..	..	..
Bulk:										
Revenue - Departure	3,234	12,203	16,367	28,570	31,804	..	..	..	..
Hours flown	4,129	14,147	12,544	26,691	30,820	1	88	30,909	96,010	
Miles flown	818,024	1,155,565	1,206,450	2,362,015	3,180,039	324	77,295	3,257,658	10,994,938	
Passengers carried	16,863	27,485	31,356	56,841	75,704	224	4,380	80,308	236,020	
Freight carried ..	1,421,514	6,588,959	3,742,327	10,331,286	11,752,800	-	53,937	11,806,737	49,252,930	
Non-transportation services:										
Specialty flying:										
Revenue hours flown	83	2,930	6,552	9,482	9,565	-	-	9,565	36,453	

See footnotes at end of table.

See footnotes at end of table.

June 1963

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	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	No.	21,020	14,856	16,825	31,681	52,701	..	..	68,349	285,920
Hours flown	"	27,423	19,924	19,495	39,419	66,842	317	1,190	10,541,918	50,427,056
Miles flown	"	7,195,152	1,525,095	1,260,430	2,785,525	9,980,677	75,989	485,252	598,189	2,936,509
Passengers carried	"	442,128	41,676	33,455	75,131	517,259	53,645	27,285	21,830,951(7)	104,621,040(7)
Cargo carried	lb.	8,907,572	7,314,935	3,813,085	11,128,020	20,035,592	751,748(7)	947,498(7)	25,132,358	126,758,329
Goods carried	"	11,917,255	7,415,004	3,836,239	11,251,243	23,168,498	879,614	1,084,246		
Non-revenue:										
Hours flown	No.	532	869	595	1,464	1,996	1	-	1,997	11,788
Passengers carried	"	..	252	-	252	..	723	995	..	..
Goods carried	lb.	..	34,093	-	34,093	..	11,732	66,036	..	..
Passenger-miles	No.	18,473,006	162,569	-	162,569	18,635,575	38,862	819,915	19,494,352	95,787,178
Goods ton-miles	"	504,953	19,637	-	19,637	524,590	229	20,748	545,567	3,500,478
Fuel consumed:										
Turbo fuel - Quantity	gal.	17,406,133	52,800	-	52,800	17,458,933	100,426	3,308,054	20,867,413	104,868,965
Cost	\$	2,586,641	12,672	-	12,672	2,599,313	19,193	518,824	3,173,330	15,382,986
Gasoline - Quantity	gal.	921,299	730,426	294,201	1,024,627	1,945,926	98,994	171,216	2,216,136	10,621,124
Cost	\$	305,164	290,130	93,921	384,051	689,215	24,478	42,304	755,997	3,624,256
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	4,376	812	-	812	5,188	15	108	5,311	26,456
Cost	\$	34,325	1,015	-	1,015	35,340	93	965	36,398	215,976
Other aircraft - Quantity ..	gal.	12,374	9,654	3,661	13,315	25,689	666	1,443	27,798	130,798
Cost	\$	12,292	15,925	5,412	21,337	33,629	512	1,142	35,283	159,493
Average number of employees:										
Flying personnel	No.	2,152	472	303	775	2,927	..	..	..	..
Other personnel	"	13,489	911	417	1,328	14,817	..	..	..	..
Totals	"	15,641	1,383	720	2,103	17,744	230	749	18,723	18,388
Salaries and wages paid:										
Flying personnel	\$	1,683,040	327,908	173,082	500,990	2,184,030	..	..	..	..
Other personnel	\$	6,196,721	396,352	171,828	568,180	6,764,901	..	..	..	..
Totals	\$	7,879,761	724,260	344,910	1,069,170	8,948,931	117,330	336,098	9,402,359	55,165,278

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

55,165,278

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

June 1963

	Scheduled carriers			Non-scheduled carriers				Grand total	Year to date
	Group I	Group II(1)		Total	Group III(1)				
		dollars							
Operating revenues:									
Unit toll transportation:									
Passengers	20,389,892	888,514		21,278,406	354,211	31,797	386,008	21,664,414	105,874,411
Express	324,729	43,987		368,716	9,633		10,485	379,201	2,049,844
Freight	888,392	163,439		1,051,831	105,239	5,323	110,562	1,162,393	6,543,331
Excess baggage	123,065	15,725		138,790	8,168	620	8,788	147,578	733,331
Mail	1,098,382	90,361		1,188,743	37,876	4,708	42,584	1,231,327	7,707,856
Total unit toll transportation ..	22,824,460	1,202,026		24,026,486	515,127	43,300	538,427	24,584,913	122,908,773
Bulk transportation									
Total transportation	24,013,581	1,757,723		25,771,304	2,227,584	964,714	3,192,298	28,963,602	142,822,868
Other flying services	13,289	-		13,289	311,035	235,579	546,614	857,654	1,881,117
Total flying services	24,026,870	1,757,723		25,784,593	2,538,619	1,200,293	3,738,912	29,523,505	139,072,758
Non-flying services	257,726	19,643		277,369	78,376	167,335	245,711	523,080	2,826,336
Total operating revenues	24,284,596	1,777,366		26,061,962	2,616,995	1,367,628	3,984,623	30,046,585	141,899,094
Operating expenses:									
Flying operations	5,481,037	527,508		6,008,545	1,007,014	397,044	1,404,058	7,412,603	37,742,448
Maintenance	3,855,732	397,728		4,253,460	583,655	249,403	833,058	5,086,518	30,377,151
General services and administration:									
Passenger service	1,644,421	42,234		1,686,655	..	..	..	..	..
Aircraft and traffic servicing ..	2,915,548	197,662		3,113,210	..	..	..	..	..
Promotion and sales	3,586,792	103,498		3,690,290	..	..	..	..	..
General administration	841,510	102,851		944,361	..	..	..	..	..
Totals	8,988,271	446,245		9,434,516	374,053	196,624	570,677	10,005,193	55,692,960
Depreciation and amortization	2,625,402	140,038		2,765,440	206,878	87,716	294,594	3,060,034	16,033,773
Total operating expenses	20,950,442	1,511,519		22,461,961	2,171,600	930,787	3,102,387	25,564,348	139,846,332
Operating income (loss)	3,334,154	265,847		3,600,001	445,395	436,841	882,236	4,482,237	2,052,762
Non-operating income - Net:									
Capital gains and losses	-	7,375		7,375	34,095	1,233	32,862	40,237	321,556
Interest and discounts	94,591	2,729		97,320	11,834	576	12,410	109,730	643,282
Miscellaneous non-operating income ..	8,940	12,596		21,536	Dr.	15,541	13,095	34,631	104,810
Income before interest expense	3,437,685	288,547		3,726,232	488,878	451,725	940,603	4,666,835	3,122,410
Interest expense	978,181	37,958		1,016,139	45,206	16,246	61,452	1,077,591	6,391,428
Income before income taxes	2,459,504	250,589		2,710,093	443,672	435,479	879,151	3,589,244	3,269,018
Provision for income taxes	-	-		-	11,681	9,131	20,812	20,812	34,914
Net income after income taxes	2,459,504	250,589		2,710,093	431,991	426,348	858,339	3,568,432	3,303,932

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

June 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers	4,038,167	89,634	304,073	282,520	212,287	16,351,725	21,278,406	104,083,215
Express	19,411	-	10,595	32,159	1,233	305,318	368,716	1,984,985
Freight	226,757	83,188	56,087	-	22,164	661,635	1,051,831	6,040,864
Excess baggage	34,422	1,476	6,266	6,132	1,851	88,643	138,790	694,341
Mail	226,533	20,717	42,640	3,489	23,515	871,849	1,188,743	7,103,932
Total unit toll transportation ..	4,545,290	197,015	419,661	324,300	261,050	18,279,170	24,026,486	119,907,337
Bulk transportation	541,696	11,926	159,769	6,667	377,335	647,425	1,744,818	5,851,838
Total transportation	5,086,986	208,941	579,430	330,967	638,385	18,926,595	25,771,304	125,759,175
Other flying services	-	-	-	-	-	13,289	13,289	31,446
Total flying services	5,086,986	208,941	579,430	330,967	638,385	18,939,884	25,784,593	125,790,621
Non-flying services	99,039	5,589	7,955	3,309	2,790	158,687	277,369	1,662,960
Total operating revenues	5,186,025	214,530	587,385	334,276	641,175	19,098,571	26,061,962	127,453,581
Operating expenses:								
Flying operations	1,802,858	64,997	191,881	87,356	183,274	3,678,179	6,008,545	31,802,149
Maintenance	790,150	51,911	114,766	78,562	152,489	3,065,582	4,253,460	26,108,055
General services and administrations:								
Passenger service	466,960	5,566	15,179	5,832	15,657	1,177,461	1,686,655	9,206,329
Aircraft and traffic servicing ..	535,687	32,012	116,247	28,856	20,347	2,379,861	3,113,210	18,225,098
Promotion and sales	891,409	6,601	12,906	45,825	38,166	2,695,383	3,690,290	19,630,323
General administration	176,225	13,299	35,101	32,899	21,552	665,285	944,361	5,621,361
Totals	2,070,281	57,478	179,433	113,412	95,922	6,917,990	9,434,516	52,683,111
Depreciation and amortization ..	198,699	52,709	32,742	31,210	23,377	2,426,703	2,765,440	14,471,608
Total operating expenses	4,861,988	227,095	518,822	310,540	455,062	16,088,454	22,461,961	125,064,923
Operating income (loss)	324,037	Dr. 12,565	68,563	23,736	186,113	3,010,117	3,600,001	2,388,658
Non-operating income - Net:								
Capital gains and losses	-	381	6,994	-	-	-	7,375	111,933
Interest and discounts	48,775	2,710	-	-	19	45,816	97,320	613,651
Miscellaneous non-operating income ..	Dr. 1,792	20	12,449	16	111	10,732	21,536	101,700
Income before interest expense	371,020	Dr. 9,454	88,006	23,752	186,243	3,066,665	3,726,232	3,215,942
Interest expense	-	5,257	10,666	13,505	8,530	978,181	1,016,139	6,093,649
Income before income taxes	371,020	Dr. 14,711	77,340	10,247	177,713	2,088,484	2,710,093	Dr. 2,877,707
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	371,020	Dr. 14,711	77,340	10,247	177,713	2,088,484	2,710,093	Dr. 2,877,852

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

June 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures	1,879	11,605	13,484	662	1,191	1,178	1,271	4,302	17,786
Revenue hours flown	3,658	15,334	18,992	620	1,303	918	1,378	4,219	23,211
Revenue miles scheduled	1,213,099	4,278,289	5,491,388	25,128	174,350	106,243	94,168	399,889	5,891,277
Revenue miles flown:									
Scheduled services - Regular	1,208,462	4,266,469	5,474,931	23,654	173,484	99,154	93,584	389,876	5,864,807
Extra section	8,369	170,796	179,165	502	9,115	3,433	4,290	17,340	196,505
Non-scheduled services	59,410	-	59,410	80,481	15,523	65,160	95,242	256,406	315,816
Totals	1,276,241	4,437,265	5,713,506	104,637	198,122	167,747	193,116	663,622	6,377,128
Ratio of regular miles flown to miles scheduled	99.6	99.7	99.7	94.1	99.5	93.3	99.4	97.5	99.7
Revenue passengers carried	41,473	350,511	391,984	4,544	12,155	9,480	7,102	33,281	425,265
Revenue goods carried:									
Express	84,335	888,050	972,385	-	30,725	211,266	14,456	256,447	1,228,832
Freight	496,415	4,097,322	4,593,737	1,006,655	517,205	-	139,629	1,663,489	6,257,226
Excess baggage	-	-	-	10,355	20,185	30,015	10,364	71,099	71,099(2)
Mail	193,924	2,371,198	2,565,122	112,588	143,210	28,006	89,658	373,462	2,938,584
Totals	774,674	7,356,570	8,131,244	1,129,778	711,325	269,287	254,107	2,364,497	10,495,741
Revenue passenger-miles:									
Scheduled services	68,399,092	261,314,971	329,714,063	332,635	4,047,891	1,872,450	1,287,799	7,540,775	337,254,838
Non-scheduled services	1,263,623	-	1,263,623	570,269	39,621	1,296,067	1,040,181	2,946,138	4,209,761
Totals	69,662,715	261,314,971	330,977,686	902,904	4,087,512	3,168,517	2,327,980	10,486,913	341,464,599
Available seat-miles on scheduled services	146,505,843	430,074,773	576,580,616	1,083,776	6,904,801	3,467,644	3,133,082	14,589,303	591,169,919
Passenger load factor on scheduled services	46.7	60.8	57.2	30.7	58.6	54.0	41.1	51.7	57.0
Revenue goods ton-miles:									
Express - Scheduled services	22,226	314,762	336,988	-	8,261	14,774	1,930	24,965	361,953
Non-scheduled services	1,129	-	1,129	-	-	-	-	15,794	16,923
Totals	23,355	314,762	338,117	-	8,261	29,005	1,930	40,759	378,876
Freight - Scheduled services	594,650	2,576,258	3,170,908	2,471	131,823	-	5,034	139,328	3,310,236
Non-scheduled services	2,961	-	2,961	230,511	1,510	-	20,381	252,407	255,363
Totals	597,611	2,576,258	3,173,869	232,982	133,333	-	25,415	391,730	3,565,599

See footnotes at end of table.

June 1963

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services	38,695	141,965	180,660	242	3,366	2,838	1,111	7,557	188,211
Non-scheduled services	190	-	190	1,074	8	3,093	895	5,070	5,260
Totals	38,885	141,965	180,850	1,316	3,374	5,931	2,006	12,627	193,477
Mail - Scheduled services	194,199	1,040,767	1,234,966	1,138	35,142	983	4,757	42,020	1,276,986
Non-scheduled services	3,900	-	3,900	7,686	189	1,144	7,347	16,366	20,266
Totals	198,099	1,040,767	1,238,866	8,824	35,331	2,127	12,104	58,386	1,297,252
Total - Scheduled services	849,770	4,073,752	4,923,522	3,851	178,592	18,595	12,832	213,870	5,137,392
Non-scheduled services	8,180	-	8,180	239,271	1,707	18,468	30,186	289,632	297,812
Totals	857,950	4,073,752	4,931,702	243,122	180,299	37,063	43,018	503,502	5,435,204
Available ton-miles on scheduled services									
Weight load factor on scheduled services(3)	19,429,444	58,986,299	78,415,743	178,444	967,031	343,562	339,935	1,828,972	80,244,715
	39.6	51.2	48.3	20.8	60.3	59.9	41.7	52.9	48.4
Bulk:									
Revenue - Departures	108	123	231	43	2,340	18	602	3,003	3,234
Hours flown	681	462	1,143	50	1,834	28	1,074	2,986	4,129
Miles flown	218,138	211,732	429,870	8,126	200,103	4,397	175,528	388,154	818,024
Passengers carried	3,616	6,517	10,133	809	3,796	121	2,004	6,730	16,863
Freight carried	-	-	-	33,865	510,755	-	876,894	1,421,514	1,421,514
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	57	57	-	-	-	26	26	83
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,987	11,728	13,715	705	3,531	1,196	1,873	7,305	21,020
Hours flown	4,339	15,853	20,192	670	3,137	946	2,478	7,231	27,423
Miles flown	1,494,379	4,648,997	6,143,376	112,763	398,225	172,144	368,644	1,051,776	7,195,152
Passengers carried	45,089	357,028	402,117	5,353	15,951	9,601	9,106	40,011	442,128
Cargo carried	580,750	4,985,372	5,566,122	1,040,520	1,058,685	211,266	1,030,979	3,341,450	8,907,572
Goods carried	774,674	7,356,570	8,131,244	1,163,643	1,222,080	269,287	1,131,001	3,786,011	11,917,255

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

June 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles (4) - Concluded:									
Non-revenue:									
Hours flown	76	206	282	18	159	24	49	250	532
Passengers carried	2,025	..	..	166	372	154	168	860	1,544
Goods carried	132,672	..	..	17,644	43,025	-	15,174	75,843	184,641
Passenger-miles	3,767,107	14,403,217	18,170,324	25,820	144,320	44,397	88,145	302,682	18,473,006
Goods ton-miles	182,908	313,427	496,335	3,813	1,399	-	3,406	8,618	504,953
Fuel consumed:									
Turbo fuel - Quantity	4,008,410	13,130,933	17,139,343	65,770	-	149,948	51,072	266,790	17,406,133
Cost	671,244	1,858,697	2,529,941	13,420	-	31,489	11,791	56,700	2,586,641
Gasoline - Quantity	379,273	-	379,273	54,139	219,568	21,284	247,035	542,026	921,299
Cost	107,476	-	107,476	17,010	83,240	7,790	89,648	197,688	305,164
Oil consumed:									
Turbo aircraft - Quantity ..	411	3,210	3,621	-	-	755	-	755	4,376
Cost	3,192	30,439	33,631	-	-	694	-	694	34,325
Other aircraft - Quantity ..	4,789	-	4,789	650	2,557	492	3,886	7,585	12,374
Cost	4,257	-	4,257	687	3,196	266	3,886	8,035	12,292
Average number of employees:									
Flying personnel	514	1,425	1,939	25	80	35	73	213	2,152
Other personnel	2,166	10,339	12,505	132	329	247	276	984	13,489
Totals	2,680	11,764	14,444	157	409	282	349	1,197	15,641
Salaries and wages paid:									
Flying personnel	439,364	1,083,876	1,523,240	17,062	70,981	25,442	46,315	159,800	1,683,040
Other personnel	932,817	4,866,014	5,798,831	47,874	150,319	95,655	104,042	397,890	6,196,721
Totals	1,372,181	5,949,890	7,322,071	64,936	221,300	121,097	150,357	557,690	7,879,761
1) Routes included in scheduled or non-scheduled services according to predominant class of service.									

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

June 1963

- 13 -

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	33,213	4,141	11,725	9,480	6,389	290,767	355,715
Domestic interline	3,681	403	-	-	-	59,744	67,961
Foreign interline	4,133	-	-	-	-	-	-
Totals(2)	41,027	4,544	11,725	9,480	6,389	350,511	423,676
Revenue express carried:							
Originated	84,335	-	30,725	211,266	14,456	888,050	1,228,832
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	84,335	-	30,725	211,266	14,456	888,050	1,228,832
Revenue freight carried:							
Originated	409,946	705,035	494,609	-	66,897	4,097,322	5,773,809
Domestic interline	10,119	-	-	-	-	-	10,119
Foreign interline	34,332	-	-	-	-	-	34,332
Totals(2)	454,397	705,035	494,609	-	66,897	4,097,322	5,818,260
Revenue excess baggage carried:							
Originated .....	..	10,535	20,036	30,015	9,244	..	69,830(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	10,535	20,036	30,015	9,244	..	69,830(3)
Revenue mail carried:							
Originated	193,924	112,588	140,316	28,006	35,540	2,371,198	2,881,572
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	193,924	112,588	140,316	28,006	35,540	2,371,198	2,881,572

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

June 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	1,818	607	291	94	2,810	10,674	13,484
Revenue hours flown	2,529	2,456	773	614	6,372	12,620	18,992
Revenue miles scheduled	548,311	1,129,760	344,114	276,532	2,298,717	3,192,671	5,491,388
Revenue miles flown:							
Scheduled services - Regular	542,986	1,129,622	343,509	272,638	2,288,755	3,186,176	5,474,931
Extra sections	30,597	2,940	6,909	-	40,446	138,719	179,165
Non-scheduled services	-	-	-	-	-	59,410	59,410
Totals	573,583	1,132,562	350,418	272,638	2,329,201	3,384,305	5,713,506
Ratio of regular miles flown to miles scheduled	99.0	99.9	99.8	98.6	99.6	99.8	99.7
Revenue passengers carried .....	...	...	...	...	126,574	265,410	391,984
Revenue cargo carried .....	...	...	...	...	2,356,131	3,209,991	5,566,122
Revenue mail carried .....	...	...	...	...	360,279	2,204,843	2,565,122
Revenue passenger-miles	33,062,183	74,118,885	17,260,907	11,758,917	136,200,892	194,776,794	330,977,686
Available seat-miles on scheduled services	48,651,045	149,695,537	46,696,761	34,491,409	279,534,752	297,045,764	576,580,616
Passenger load factor on scheduled services ...	68.0	49.5	37.0	34.1	48.7	65.1	57.2
Revenue goods ton-miles:							
Express	58,579	-	-	-	58,579	279,538	338,117
Freight	271,292	803,186	173,001	248,796	1,496,275	1,677,594	3,173,869
Excess baggage	20,738	23,734	19,870	8,442	74,784	106,066	180,850
Mail	38,814	159,980	51,870	94,423	345,087	893,779	1,238,866
Totals	389,423	988,900	244,741	351,661	1,974,725	2,956,977	4,931,702
Available ton-miles on scheduled services	6,119,218	21,108,969	6,454,285	4,513,721	38,196,193	40,219,550	78,415,743
Weight load factor on scheduled services(1) ...	60.4	39.8	30.5	33.8	40.8	55.4	48.3

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

June 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,474	58,433	16,099	285,234
Recreational flying	1,452	38,467	5,560	123,757
Aerial photography and survey	781	89,709	1,850	234,518
Aerial photography (excluding survey)	209	26,860	564	60,887
Aerial pest control	689	95,928	875	110,535
Aerial advertising	6	530	18	1,790
Aerial patrol and inspection	1,482	119,406	6,231	559,468
Aerial rental	29	489	228	5,684
Aerial fish cultivation	-	-	-	-
Geophysical survey	1,059	94,064	4,064	390,617
Non-transportation charter	145	18,043	409	73,059
Other specialty flying	239	18,482	555	45,264
Total specialty flying	9,565	560,411	36,453	1,890,813

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

June 1963

	Month	Year to date
Revenue hours flown	6,564	14,641
Average number of aircraft	111	110
Average number of employees:		
Flying personnel	174	144
Other personnel	107	100
Totals	281	244
Salaries and wages paid:		
Flying personnel	128,275	560,896
Other personnel	56,322	313,692
Totals	184,597	874,588
Operating revenues:		
Bulk transportation	672,070	1,586,212
Other flying services	80,411	224,083
Non-flying services	17,444	68,079
Totals	769,925	1,878,374
Operating expenses:		
Flying operations	251,225	999,656
Maintenance	133,448	694,635
General services and administration ..	42,071	287,104
Depreciation and amortization	53,928	293,383
Totals	480,672	2,274,778
Operating income (loss)	289,253 Dr.	396,404
Net income (deficit) after income taxes	311,055 Dr.	400,487

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

June 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	75,331	77,679	153,010	20,485	17,136	37,621
Bulk transportation "	244	345	589	7,615	5,870	13,485
Totals "	75,575	78,024	153,599	28,100	23,006	51,106
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	498,365	1,988,324	2,486,689	313,172	905,839	1,219,011
Bulk transportation "	-	-	-	53,937	-	53,937
Totals "	498,365	1,988,324	2,486,689	367,109	905,839	1,272,948
Mail carried (unit toll transportation) "	122,957	220,993	343,950	99,537	119,115	218,652
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,427	4,339	8,766	100,243	99,154	199,397
Bulk transportation "	-	-	-	7,859	6,215	14,074
Totals "	4,427	4,339	8,766	108,102	105,369	213,471
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	123,672	75,957	199,629	935,209	2,970,120	3,905,329
Bulk transportation "	-	-	-	53,937	-	53,937
Totals "	123,672	75,957	199,629	989,146	2,970,120	3,959,266
Mail carried (unit toll transportation) "	13,952	21,451	35,403	236,446	361,559	598,005
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	61,389	61,682	123,071	38,854	37,472	76,326
Bulk transportation "	5,904	3,566	9,470	1,955	2,649	4,604
Totals "	67,293	65,248	132,541	40,809	40,121	80,930
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	626,229	1,633,791	2,260,020	308,980	1,336,329	1,645,309
Bulk transportation "	-	-	-	53,937	-	53,937
Totals "	626,229	1,633,791	2,260,020	362,917	1,336,329	1,699,246
Mail carried (unit toll transportation) "	160,538	172,853	333,391	75,908	188,706	264,614

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers

Second Quarter 1963

	Quarter	Year to date
Number of reporting carriers	221	...
Bulk transportation:		
Revenue hours flown	18,300	28,910
Revenue passengers carried	43,040	61,653
Revenue goods carried	2,547,891	3,929,569
Specialty flying services:		
Revenue hours flown:		
Flying training	15,884	28,605
Recreational flying	5,229	8,157
Aerial photography and survey	469	633
Aerial photography (excluding survey) "	15	67
Aerial pest control	3,095	3,194
Aerial advertising	-	4
Aerial patrol and inspection	977	2,102
Aerial rental	4,096	4,290
Aerial fish cultivation	80	80
Geophysical survey	-	-
Non-transportation charter	20	25
Other specialty flying	199	2,954
Total specialty flying services ...	30,064	50,111
Total - All services:		
Revenue hours flown	48,364	79,021
Non-revenue hours flown	2,771	5,076

TABLE 11. Statement of Income, Canadian Group V Carriers

Second Quarter 1963

	Quarter	Year to date
		dollars
Operating revenues:		
Bulk transportation	885,510	1,408,235
Other flying services	784,919	1,146,419
Total flying services	1,670,429	2,554,654
Non-flying services	680,711	1,241,690
Total operating revenues	2,351,140	3,796,344
Operating expenses:		
Flying operations	866,798	1,527,625
Maintenance	350,875	636,937
General services and administration	719,551	1,353,545
Depreciation	230,232	477,787
Total operating expenses	2,167,456	3,995,894
Operating income (loss)	183,684	Dr. 199,550
Non-operating income - Net	51,503	Dr. 89,941
Income before income taxes	132,181	Dr. 289,491
Provision for income taxes	14,240	23,847
Net income after income taxes	117,941	Dr. 313,338

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, steward's supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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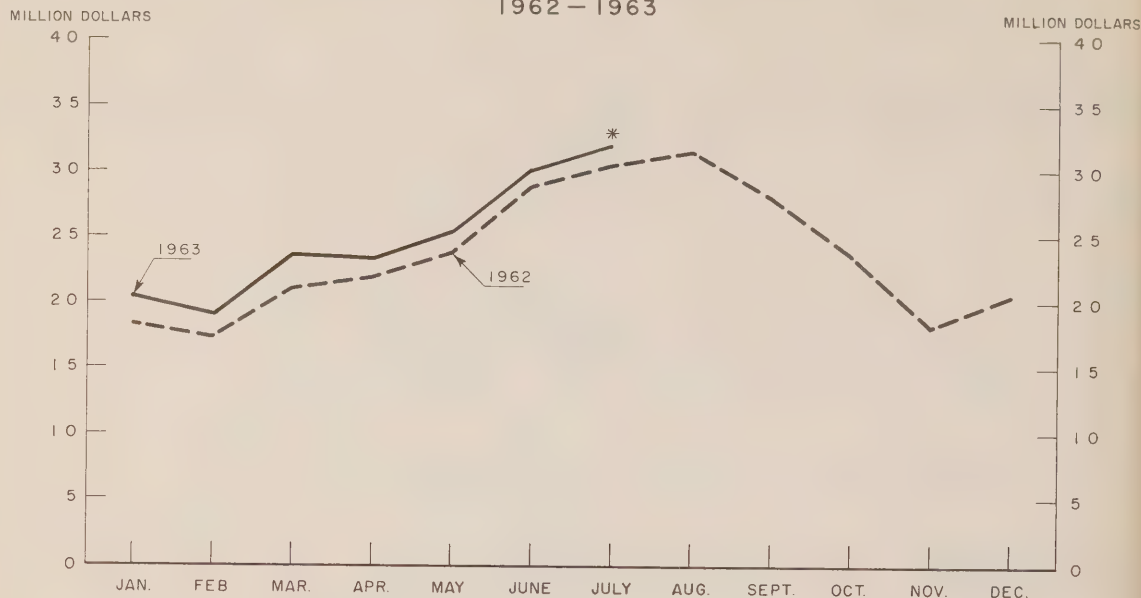
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS

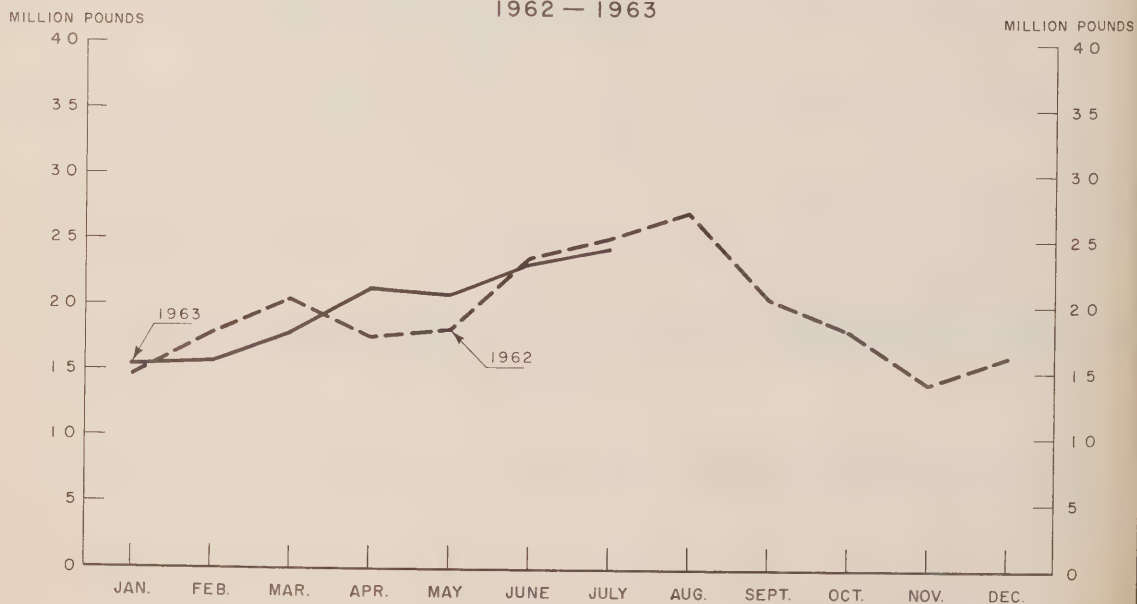
1962 - 1963



* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of July Operations:

During the month of July 1963, Canadian air carriers reported more revenue passengers, but less revenue goods than in July of the previous year. Passengers carried rose 0.3 per cent to 520,960 from 519,618. Revenue goods, in contrast decreased 3.2 per cent to 12,113 tons.

On the financial side, operating revenues increased 4.8 per cent over July 1962 to \$31,898,421 and operating expenses rose 3.3 per cent to \$26,517,515. As a result the operating income for July amounted to \$5,380,906 compared with \$4,755,412 in July, 1962. The net income after provision for income taxes amounted to \$4,472,174 as against \$3,586,515 in July of the previous year.

The Cumulative View:

For the first seven months of 1963 both the number of revenue passengers and the volume of revenue goods carried increased in comparison with the same period a year earlier. Revenue passengers carried increased 15.6 per cent to 3,548,650 while revenue goods carried rose 8.2 per cent to 76,660 tons. Operating revenues for the period were ~~\$31,898,421~~, up 7.3 per cent from July 1962 while operating expenses rose 4 per cent to \$166,762,699. *174,274,595*

In July the six scheduled carriers transported 447,216 revenue passengers or 85.8 per cent of the total number carried and 6,173 tons of revenue goods or 51 per cent of the total. Comparable figures for July 1962 were 437,299 revenue passengers or 84.2 per cent of the total and 6,022 tons of revenue goods or 48.1 per cent of the total. The scheduled carriers also accounted for 85.3 per cent of the operating revenues and 87.7 per cent of the operating expenses. Corresponding figures for July of the previous year were 83.5 per cent and 85.9 per cent respectively.

Foreign Carriers:

Foreign carriers licensed to operate in Canada are required to report statistics of their performance over Canadian territory only. Passengers and goods in transit through Canada are excluded from these statistics.

During July 1963, foreign carriers licensed to operate in Canada transported 88,552 revenue passengers, an increase of 17.6 per cent over the 75,277 passengers reported in July, 1962. However, the volume of revenue goods handled decreased 2.5 per cent to 931 tons.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

July 1963

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers			United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	20	66	86	92	10	9	111	...
Transportation services:									
Unit toll:									
Revenue departures	18,631	2,884	720	3,604	22,235	..	..	..	..
Revenue hours flown	24,187	3,273	502	3,775	27,962	343	1,173	29,478	183,135
Revenue miles scheduled	6,121,656	...	...	...	6,121,656	81,624	466,448	6,669,728	41,585,409
Revenue miles flown:									
Scheduled services	6,200,100(4)	428,904	66,237	495,141	6,200,100(4)	80,335	424,462	6,704,897(4)	42,086,404(4)
Non-scheduled services	392,400(4)	428,904	66,237	495,141	887,541(4)	80,335	424,462	887,541(4)	4,965,571(4)
Totals	6,592,500	428,904	66,237	495,141	7,087,641	80,335	424,462	7,592,438	47,051,975
Revenue passengers carried	422,050	15,673	2,201	17,874	439,924	53,982	27,412	521,318	3,222,611
Revenue goods carried:									
Cargo	7,409,240	962,940	157,774	1,120,714	8,529,954	639,764	925,118	10,192,921	65,637,710
Excess baggage	72,313(5)	20,818	4,954	25,772	98,085	122,028	141,691	3,330,671	25,486,386
Mail	2,958,357	95,172	13,423	108,595	3,066,952	761,792	1,066,809	13,523,592	91,124,096
Totals	10,439,910	1,078,930	176,151	1,255,081	11,694,991	2,347,916	22,423,619	385,155,835	2,170,763,713
Revenue passenger-miles	356,416,838	3,804,106	163,356	3,967,462	360,384,300				
Revenue goods ton-miles:									
Cargo	3,606,385	228,533	1,607	230,140	3,836,525	15,414	336,900	4,401,915	34,065,824
Excess baggage	204,454	8,427	195	8,622	213,076	2,564	60,160	1,356,792	10,426,662
Mail	1,262,898	30,339	831	31,170	1,294,068	17,978	397,060	5,758,707	44,492,486
Totals	5,073,737	267,299	2,633	269,932	5,343,669				
Bulk:									
Revenue - Departure	4,181	14,519	17,008	31,527	35,708	..	..	..	..
Hours flown	5,363	19,005	14,803	33,808	39,171	4	239	39,414	138,512
Miles flown	1,117,930	1,232,118	1,357,616	2,589,734	3,707,664	1,543	72,760	3,781,967	14,919,107
Passengers carried	25,166	25,650	30,220	55,870	81,036	944	6,214	88,194	326,039
Freight carried .. lb.	1,907,906	6,804,236	3,819,754	10,623,990	12,531,896	-	33,187	12,565,083	62,195,962
Non-transportation services:									
Specialty flying:									
Revenue hours flown	28	3,765	7,238	11,003	11,031	-	-	11,031	48,554

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

July 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	22,812	17,403	17,728	35,131	57,943	..	..	79,923	..	370,201
Hours flown	29,578	26,043	22,543	48,586	78,164	347	1,412	11,374,405	..	61,971,082
Miles flown	7,710,430	1,661,022	1,423,853	3,084,875	10,795,305	81,878	497,222	32,548,650	..	3,548,650
Passengers carried	447,216	41,323	32,421	73,744	520,960	54,926	33,626	609,512	..	127,833,672(7)
Cargo carried	9,317,146	7,767,176	3,977,528	11,744,704	21,061,850	639,764(7)	958,305(7)	22,758,004(7)	..	153,320,058
Goods carried	12,347,816	7,883,166	3,995,905	11,879,071	24,226,887	761,792	1,099,996	26,088,675	..	
Non-revenue:										
Hours flown	408	917	553	1,470	1,878	-	-	1,878	..	13,746
Passengers carried .....	..	353	1	354	..	1,187	455	..	..	..
Goods carried .....	..	112,062	-	112,062	..	5,949	51,652	..	..	118,627,525
Passenger-miles	22,379,664	84,258	150	84,408	22,464,072	52,103	324,172	22,840,347	..	4,122,785
Goods ton-miles	551,630	55,277	-	55,277	606,907	119	15,281	622,307	..	
Fuel consumed:										
Turbo fuel - Quantity	18,377,585	71,533	19,306	90,839	18,468,424	76,552	3,426,246	21,971,222	..	126,840,187
Cost	2,720,278	17,168	5,634	22,802	2,743,080	14,420	571,498	3,328,998	..	18,711,984
Gasoline - Quantity	941,872	833,120	317,564	1,150,684	2,092,556	97,456	195,821	2,385,833	..	13,095,328
Cost	325,268	322,752	147,461	470,213	795,481	24,592	52,766	872,839	..	4,534,245
Oil consumed:										
Turbo aircraft - Quantity ..	4,437	1,100	4	1,104	5,541	-	77	5,618	..	32,074
Cost	43,814	1,375	60	1,435	45,249	-	726	45,975	..	261,951
Other aircraft - Quantity ..	14,040	10,152	4,217	14,369	28,409	639	1,180	30,228	..	162,247
Cost	14,267	17,834	6,027	23,861	38,128	604	989	39,721	..	201,355
Average number of employees:										
Flying personnel	2,141	496	308	804	2,945	..	..	..	..	..
Other personnel	13,556	912	425	1,337	14,893	..	..	..	..	..
Totals	15,697	1,408	733	2,141	17,838	229	754	18,821	..	18,485
Salaries and wages paid:										
Flying personnel	1,708,129	369,677	198,168	567,845	2,275,974	..	..	..	..	..
Other personnel	6,509,455	411,098	166,815	577,913	7,087,368	..	..	..	..	..
Totals	8,217,584	780,775	364,983	1,145,758	9,363,342	117,728	336,575	9,817,645	..	65,121,619

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 3, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate

as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation

services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

July 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers	20,699,760	997,571	21,697,331	451,027	38,989	490,016	22,187,347	128,075,681
Express	319,633	44,142	363,775	10,991	766	11,757	375,532	2,430,506
Freight	798,579	195,687	994,266	128,103	3,269	131,372	1,125,638	7,668,969
Excess baggage	117,820	16,815	134,635	9,921	376	10,297	144,932	879,164
Mail	1,075,897	94,367	1,170,264	36,164	3,619	39,783	1,210,047	8,920,114
Total unit toll transportation ..	23,011,689	1,348,582	24,360,271	636,206	47,019	683,225	25,043,496	147,974,434
Bulk transportation	1,838,809	549,519	2,388,328	1,943,543	1,076,872	3,020,415	5,408,743	20,038,319
Total transportation	24,850,498	1,898,101	26,748,599	2,579,749	1,123,891	3,703,640	30,452,239	168,012,753
Other flying services	9,016	249	9,265	461,726	225,337	687,063	696,328	2,678,039
Total flying services	24,859,514	1,898,350	26,757,864	3,041,475	1,349,228	4,390,703	31,148,567	170,690,792
Non-flying services	443,421	15,388	458,809	67,519	223,526	291,045	749,854	3,583,803
Total operating revenues	25,302,935	1,913,738	27,216,673	3,108,994	1,572,754	4,681,748	31,898,421	174,274,595
Operating expenses:								
Flying operations	5,740,555	566,355	6,306,910	1,031,199	447,778	1,478,977	7,785,887	45,645,064
Maintenance	4,219,750	396,178	4,615,928	699,912	248,957	948,869	5,564,797	36,090,865
General services and administration:								
Passenger service	1,715,493	48,311	1,763,804	..	..	..	..	..
Aircraft and traffic servicing	3,064,336	198,897	3,263,233	..	..	..	..	..
Promotion and sales	3,736,074	135,119	3,871,193	..	..	..	..	..
General administration	816,475	96,599	913,074	..	..	..	..	..
Totals	9,332,378	478,926	9,811,304	351,123	174,125	525,248	10,336,552	66,109,234
Depreciation and amortization	2,387,786	137,618	2,525,404	213,011	91,864	304,875	2,830,279	18,917,506
Total operating expenses	21,680,469	1,579,077	23,259,546	2,295,245	962,724	3,257,969	26,517,515	166,762,669
Operating income (loss)	3,622,466	334,661	3,957,127	813,749	610,030	1,423,779	5,380,906	7,511,926
Non-operating income - Net:								
Capital gains and losses	-	Dr.	3,154	61,221	9,919	71,140	67,986	396,380
Interest and discounts	107,772	2,746	110,518	2,867	1,596	4,463	114,981	759,844
Miscellaneous non-operating income ..	17,949	Dr.	11,807	5,743	6,638	12,381	24,188	158,067
Income before interest expense	3,748,187	328,111	4,076,298	883,580	628,183	1,511,763	5,588,061	8,826,217
Interest expense	984,616	44,194	1,028,810	48,388	22,387	70,775	1,099,585	7,509,322
Income before income taxes	2,763,571	283,917	3,047,488	835,192	605,796	1,440,988	4,488,476	1,316,895
Provision for income taxes	-	-	-	3,729	12,573	16,302	16,302	51,216
Net income after income taxes	2,763,571	283,917	3,047,488	831,463	593,223	1,424,686	4,472,174	1,265,679

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

July 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	4,218,109	118,633	357,713	290,351	230,854	16,481,651	21,697,331	125,780,546
Express	18,400	-	10,142	32,207	1,793	301,233	363,775	2,348,760
Freight	217,413	101,078	68,890	-	2,719	581,166	994,286	7,035,130
Excess baggage	45,435	1,502	7,890	5,841	2,172	72,385	134,635	828,976
Mail	220,740	20,936	41,551	3,345	28,495	855,157	1,170,264	8,274,196
Total unit toll transportation ..	4,720,097	242,169	485,596	331,784	289,033	18,291,592	24,360,271	144,267,608
Bulk transportation	967,363	35,312	250,077	430	263,750	871,446	2,388,328	8,240,166
Total transportation	5,687,460	277,481	735,673	332,214	552,783	19,163,038	26,748,599	152,507,774
Other flying services	-	277,481	735,673	-	249	9,016	9,265	40,711
Total flying services	5,687,460	277,481	735,673	332,214	553,032	19,172,054	26,757,864	152,548,485
Non-flying services	84,127	7,140	2,840	2,345	3,063	359,294	458,809	2,121,769
Total operating revenues	5,771,587	284,621	738,463	334,559	556,095	19,531,348	27,216,673	154,670,254
Operating expenses:								
Flying operations	1,955,792	67,985	219,473	95,876	183,021	3,784,763	6,306,910	38,109,059
Maintenance	833,330	49,886	138,327	74,819	133,146	3,386,420	4,615,928	30,723,983
General services and administrations:								
Passenger service	478,639	7,711	15,877	6,245	18,478	1,236,854	1,763,804	10,970,133
Aircraft and traffic servicing	551,847	33,032	108,938	28,431	28,446	2,512,489	3,263,233	21,488,331
Promotion and sales	1,018,140	4,053	33,550	52,936	44,580	2,717,934	3,871,193	23,501,516
General administration	171,202	14,190	30,962	33,111	17,916	645,273	913,074	6,534,435
Totals	2,219,828	58,986	189,327	121,193	109,420	7,112,550	9,811,304	62,894,415
Depreciation and amortization	214,004	50,771	32,250	31,212	23,385	2,173,782	2,525,404	16,897,012
Total operating expenses	2,433,832	109,757	221,627	152,405	132,805	16,597,315	23,559,546	148,524,459
Operating income (loss)	548,633	56,993	159,086	11,459	107,123	3,073,833	3,957,127	6,345,785
Non-operating income - Net:								
Capital gains and losses	-	Dr.	300	-	750	-	Dr.	108,779
Interest and discounts	55,172	2,649	-	71	26	52,600	110,518	724,169
Miscellaneous non-operating income ..	3,066	75	6,651	597	163	21,015	11,807	113,507
Income before interest expense	600,739	56,107	152,135	12,127	107,742	3,147,448	4,076,298	7,292,240
Interest expense	-	4,911	16,993	14,076	8,264	984,616	1,028,810	7,122,459
Income before income taxes	600,739	51,196	135,142	1,899	99,478	2,162,832	3,047,488	169,781
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	600,739	51,196	135,142	1,899	99,478	2,162,832	3,047,488	169,636

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

July 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures	1,946	12,017	13,963	720	1,331	1,257	1,360	4,668	18,631
Revenue hours flown	3,658	15,925	19,583	662	1,461	984	1,497	4,604	24,187
Revenue miles scheduled	1,219,204	4,507,160	5,726,364	26,796	197,164	115,587	55,745	395,292	6,121,656
Revenue miles flown:									
Scheduled services - Regular	1,210,516	4,473,967	5,684,483	25,145	190,207	107,680	55,152	378,184	6,062,667
Extra section	774	124,148	124,922	1,175	10,078	1,135	123	12,511	137,433
Non-scheduled services	63,779	-	63,779	81,991	19,999	70,424	156,207	328,621	392,400
Totals	1,275,069	4,598,115	5,873,184	108,311	220,284	179,239	211,482	719,316	6,592,500
Ratio of regular miles flown to miles scheduled									
Revenue passengers carried	99.3	99.3	99.3	93.8	96.5	93.2	98.9	95.7	99.0
Revenue passengers carried	43,681	340,144	383,825	6,520	14,325	9,825	7,555	38,225	422,050
Revenue goods carried:									
Express	80,480	877,567	958,047	-	27,803	178,134	12,847	218,784	1,176,831
Freight	529,896	4,125,027	4,654,923	904,533	523,768	-	149,185	1,577,486	6,232,409
Excess baggage .....	..	..	..	11,531	22,142	27,314	11,326	72,313	72,313(2)
Mail	196,521	2,369,089	2,565,610	111,370	152,254	27,750	101,373	392,747	2,958,357
Totals	806,897	7,371,683	8,178,580	1,027,434	725,967	233,198	274,731	9,261,330	10,439,910
Revenue passenger-miles:									
Scheduled services	72,254,293	271,634,004	343,888,297	472,487	3,700,329	1,957,518	329,386	6,459,720	350,348,017
Non-scheduled services	1,443,279	-	1,443,279	781,235	70,900	1,390,095	2,383,312	4,625,542	6,068,821
Totals	73,697,572	271,634,004	345,331,576	1,253,722	3,771,229	3,347,613	2,712,698	11,085,262	356,416,838
Available seat-miles on scheduled services									
Available seat-miles on scheduled services	146,518,302	446,842,332	593,360,634	1,175,020	8,597,416	3,708,804	1,362,406	14,843,646	608,204,280
Passenger load factor on scheduled services									
Passenger load factor on scheduled services	49.3	60.8	58.0	40.2	43.0	52.8	24.2	43.5	57.6
Revenue goods ton-miles:									
Express - Scheduled services	21,632	310,551	332,183	-	8,183	16,639	199	25,021	357,204
Non-scheduled services	978	-	978	-	-	14,245	2,899	17,144	18,122
Totals	22,610	310,551	333,161	-	8,183	30,884	3,098	42,165	375,326
Freight - Scheduled services	611,094	2,242,361	2,853,455	2,707	130,166	-	1,383	134,236	2,987,691
Non-scheduled services	2,192	2,192	2,192	209,953	2,500	-	28,723	241,176	243,368
Totals	613,286	2,242,361	2,855,647	212,660	132,646	-	30,106	375,412	3,231,059

See footnotes at end of table.

July 1963

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:	49,052	141,725	190,777	271	3,571	2,988	78	6,908	197,683
Excess baggage - Scheduled services									
Non-scheduled services	116	-	116	1,080	77	3,119	2,377	6,653	6,769
Totals	49,168	141,725	190,893	1,351	3,648	6,107	2,455	13,561	204,454
Mail - Scheduled services	187,135	1,006,234	1,193,369	3,711	37,351	1,016	1,195	43,273	1,236,642
Non-scheduled services	4,078	-	4,078	8,535	179	1,140	12,324	22,178	26,256
Totals	191,213	1,006,234	1,197,447	12,246	37,530	2,156	13,519	65,451	1,262,898
Total - Scheduled services	868,913	3,700,871	4,569,784	6,689	179,231	20,643	2,855	209,438	4,779,222
Non-scheduled services	7,364	-	7,364	219,568	2,756	18,504	46,323	287,151	294,515
Totals	876,277	3,700,871	4,577,148	226,257	182,007	39,147	49,178	496,589	5,073,737
Available ton-miles on scheduled services	19,384,584	60,884,799	80,269,383	130,227	1,076,108	367,981	147,238	1,721,554	81,990,937
Weight load factor on scheduled services(3)	41.8	50.7	48.5	41.4	51.0	58.8	24.3	49.7	48.6
Bulk:									
Revenue - Departures	187	161	348	133	3,258	6	436	3,833	4,181
Hours flown	1,071	676	1,747	168	2,569	5	874	3,616	5,363
Miles flown	354,802	302,591	657,393	25,303	285,550	686	148,998	460,537	1,117,930
Passengers carried	7,403	9,176	16,579	1,877	5,212	28	1,470	8,587	25,166
Freight carried	-	-	-	55,473	917,594	-	934,839	1,907,906	1,907,906
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	25	25	-	-	-	3	3	28
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	2,133	12,178	14,311	853	4,589	1,263	1,796	8,501	22,812
Hours flown	4,729	16,626	21,355	830	4,030	989	2,374	8,223	29,578
Miles flown	1,629,871	4,900,706	6,530,577	133,614	505,834	179,925	360,480	1,179,853	7,710,430
Passengers carried	51,084	349,320	400,404	8,397	19,537	9,853	9,025	46,812	447,216
Cargo carried	610,376	5,002,594	5,612,970	960,006	1,469,165	178,134	1,096,871	3,704,176	9,317,146
Goods carried	806,897	7,371,683	8,178,580	1,082,907	1,643,561	233,198	1,209,570	4,169,236	12,347,816

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

July 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	74	121	195	21	101	19	72	213	408
Passengers carried	2,097	..	..	192	424	204	236	1,056	..
Goods carried	135,554	..	..	31,256	32,371	..	28,124	91,901	..
Passenger-miles	3,232,892	18,781,605	22,01,497	29,944	137,687	64,214	133,322	365,167	22,379,664
Goods ton-miles	168,042	361,957	529,999	6,523	10,128	..	5,980	21,631	551,630
Fuel consumed:									
Turbo fuel - Quantity	4,203,374	13,878,659	18,082,033	73,584	..	163,268	58,700	295,552	18,377,585
Cost	752,517	1,902,710	2,655,227	15,123	..	35,919	14,009	65,051	2,720,278
Gasoline - Quantity	419,887	..	419,887	58,101	250,352	19,536	193,996	521,985	941,872
Cost	119,133	..	119,133	18,111	105,489	7,033	74,502	206,135	325,268
Oil consumed:									
Turbo aircraft - Quantity .. gal.	330	3,455	3,785	..	..	652	..	652	4,437
Cost	2,629	40,477	43,106	..	..	708	..	708	43,814
Other aircraft - Quantity .. gal.	5,048	..	5,048	1,038	3,146	725	4,083	8,992	14,040
Cost	5,017	..	5,017	879	3,933	355	4,083	9,250	14,267
Average number of employees:									
Flying personnel	514	1,400	1,914	25	81	41	80	227	2,141
Other pers. el.	2,167	10,393	12,560	140	335	241	280	996	13,556
Totals	2,681	11,793	14,474	165	416	282	360	1,223	15,697
Salaries and wages paid:									
Flying personnel	428,229	1,114,187	1,542,416	18,692	71,393	25,494	50,134	165,713	1,708,129
Other personnel	966,493	5,145,388	6,111,881	52,730	140,947	96,004	107,893	397,574	6,509,455
Totals	1,394,722	6,259,575	7,654,297	71,422	212,340	121,498	158,027	563,287	8,217,584

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

July 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	36,545	5,911	13,661	9,825	6,656	278,878	351,476
Domestic interline	2,864	609	-	-	-	61,266	68,837
Foreign interline	4,098	-	-	-	-	-	-
Totals(2)	43,507	6,520	13,661	9,825	6,656	340,144	420,313
Revenue express carried:							
Originated	80,480	-	27,803	178,134	12,847	877,567	1,176,831
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	80,480	-	27,803	178,134	12,847	877,567	1,176,831
Revenue freight carried:							
Originated	444,330	675,381	497,201	-	82,232	4,125,027	5,824,171
Domestic interline	10,175	-	-	-	-	-	10,175
Foreign interline	22,509	-	-	-	-	-	22,509
Totals(2)	477,014	675,381	497,201	-	82,232	4,125,027	5,856,855
Revenue excess baggage carried:							
Originated	-	11,531	20,815	27,314	10,218	-	69,878(3)
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	11,531	20,815	27,314	10,218	-	69,878(3)
Revenue mail carried:							
Originated	196,521	111,370	149,219	27,750	32,407	2,369,089	2,886,356
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	196,521	111,370	149,219	27,750	32,407	2,369,089	2,886,356

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.
(2) Excludes division interline.
(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service
July 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	2,017	608	248	151	3,024	10,939	13,963
Revenue hours flown	2,806	2,449	791	584	6,630	12,953	19,583
Revenue miles scheduled	593,134	1,142,986	355,962	264,008	2,356,090	3,370,274	5,726,364
Revenue miles flown:							
Scheduled services - Regular	588,998	1,131,431	355,962	264,008	2,340,399	3,344,084	5,684,483
Extra sections	45,830	-	7,288	-	53,118	71,804	124,922
Non-scheduled services	-	-	-	-	-	63,779	63,779
Totals	634,828	1,131,431	363,250	264,008	2,393,517	3,479,667	5,873,184
Ratio of regular miles flown to miles scheduled	99.3	99.0	100.0	100.0	99.3	99.2	99.3
Revenue passengers carried .....	...	...	...	...	129,480	254,345	383,825
Revenue cargo carried lb.	...	...	...	...	2,487,727	3,125,243	5,612,970
Revenue mail carried .....	...	...	...	...	371,378	2,194,232	2,565,610
Revenue passenger-miles	32,959,793	79,650,088	19,888,550	12,056,402	144,554,833	200,776,743	345,331,576
Available seat-miles on scheduled services	53,190,606	149,465,065	48,762,840	33,513,103	284,931,614	308,429,020	593,360,634
Passenger load factor on scheduled services ...	62.0	53.3	40.8	36.0	50.7	64.6	58.0
Revenue goods ton-miles:							
Express	53,583	-	-	-	53,583	279,578	333,161
Freight	232,426	670,572	200,774	245,311	1,349,083	1,506,564	2,855,647
Excess baggage	16,122	29,414	27,048	12,942	85,526	105,367	190,893
Mail	39,573	153,256	49,466	93,073	337,368	860,079	1,197,447
Totals	341,704	853,242	277,288	353,326	1,825,560	2,751,588	4,577,148
Available ton-miles on scheduled services	6,704,812	20,820,691	6,750,356	4,392,300	38,668,159	41,601,224	80,269,383
Weight load factor on scheduled services(1) ...	54.3	42.4	33.6	35.5	42.1	54.5	48.5

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

July 1963

	Month		Year to date	
	Revenue hours	Revenue earned \$	Revenue hours No.	Revenue earned \$
Flying training	4,037	68,470	20,484	360,467
Recreational flying	1,516	36,710	7,116	160,960
Aerial photography and survey	397	75,796	2,382	358,280
Aerial photography (excluding survey)	278	21,612	842	82,499
Aerial pest control	874	145,162	1,749	255,697
Aerial advertising	13	799	31	2,589
Aerial patrol and inspection	2,133	175,755	8,694	754,690
Aircraft rental	33	707	261	6,391
Aerial fish cultivation	-	-	-	-
Geophysical survey	1,119	103,857	5,400	520,379
Non-transportation charter	398	32,143	807	104,354
Other specialty flying	233	35,055	788	80,319
Total specialty flying	11,031	696,066	48,554	2,686,625

July 1963

	Month	Year to date
Revenue hours flown	11,707	26,576
Average number of aircraft	134	115
Average number of employees:		
Flying personnel	187	152
Other personnel	129	105
Totals	316	257
Salaries and wages paid:		
Flying personnel	146,536	713,332
Other personnel	78,598	394,940
Totals	224,934	1,108,272
Operating revenues:		
Bulk transportation	1,013,984	2,610,225
Other flying services	103,119	327,202
Non-flying services	16,322	82,727
Totals	1,133,425	3,020,154
Operating expenses:		
Flying operations	286,506	1,235,613
Maintenance	284,770	1,048,383
General services and administration	37,839	334,264
Depreciation and amortization	75,686	376,771
Totals	664,801	2,995,038
Operating income (loss)	468,624	25,116
Net income (deficit) after income taxes \$	521,929	101,545

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)
July 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	75,888	76,554	152,442	23,187	20,633	43,820
Bulk transportation "	499	535	1,034	11,378	8,929	20,307
Totals "	76,387	77,089	153,476	34,565	29,562	64,127
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	466,311	1,885,534	2,351,845	375,726	993,442	1,369,168
Bulk transportation "	-	-	-	24,280	8,907	33,187
Totals "	466,311	1,885,534	2,351,845	400,006	1,002,349	1,402,355
Mail carried (unit toll transportation) "	129,481	222,527	352,008	98,348	123,284	221,632
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	5,117	5,024	10,141	104,192	102,211	206,403
Bulk transportation "	106	106	212	11,983	9,570	21,553
Totals "	5,223	5,130	10,353	116,175	111,781	227,956
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	150,757	87,236	237,993	992,794	2,966,212	3,959,006
Bulk transportation "	-	-	-	24,280	8,907	33,187
Totals "	150,757	87,236	237,993	1,017,074	2,975,119	3,992,193
Mail carried (unit toll transportation) "	13,581	21,000	34,581	241,410	366,811	608,221
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	62,184	62,825	125,009	42,008	39,386	81,394
Bulk transportation "	7,910	6,485	14,395	4,073	3,085	7,158
Totals "	70,094	69,310	139,404	46,081	42,471	88,552
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	675,109	1,719,015	2,394,124	317,685	1,247,197	1,564,882
Bulk transportation "	-	-	-	24,280	8,907	33,187
Totals "	675,109	1,719,015	2,394,124	341,965	1,256,104	1,598,069
Mail carried (unit toll transportation) "	159,489	185,013	344,502	181,798	81,921	263,719

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,
as at July 1st, 1963

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		22		64		308		400	
Helicopters No.	-	-	102	2	39	8	22	-	163	10
Turbo jets	15	5	-	-	-	-	-	-	15	5
Turbo props:										
300-001 lb. and over No.	-	-	-	-	-	-	1	-	1	-
150,001-300,000 lb.	-	5	-	-	-	-	-	-	-	5
100,001-150,000 lb.	22	-	-	-	-	-	-	-	22	-
50,001-100,000 lb.	48	-	-	-	-	-	-	-	48	-
50,000 lb. and under	5	-	2	-	-	-	-	-	7	-
Total turbo props	75	5	2	-	-	-	1	-	78	5
Piston engines:										
Four engines:										
130,001 lb. and over No.	2	-	-	-	-	-	-	-	2	-
100,001-130,000 lb.	5	-	1	-	-	-	-	-	6	-
70,001-100,000 lb.	3	1	3	1	1	-	-	-	7	2
50,001-70,000 lb.	-	-	-	-	1	-	-	-	1	-
50,000 lb. and under	-	-	-	-	-	-	-	-	-	-
Total four engines	10	1	4	1	2	-	-	-	16	2
One or two engines:										
40,001 lb. and over No.	9	-	11	-	2	-	-	-	22	-
25,001-40,000 lb.	26	-	13	1	6	-	4	-	49	1
20,001-25,000 lb.	-	1	-	-	2	-	-	-	2	-
15,001-20,000 lb.	-	-	19	-	-	-	2	-	21	-
10,001-15,000 lb.	1	-	3	-	8	-	2	-	14	-
7,501-10,000 lb.	14	-	53	1	50	8	17	1	134	10
5,001-7,500 lb.	19	1	32	3	41	6	46	4	138	14
4,001-5,000 lb.	-	-	21	-	10	1	9	1	40	2
3,001-4,000 lb.	-	1	15	-	16	2	66	7	97	10
2,001-3,000 lb.	3	-	43	3	137	13	304	40	487	56
2,000 lb. and under	1	-	22	1	73	2	396	35	492	38
Total one or two engines ..	73	3	232	9	345	32	846	88	1,496	132
Grand total	173	14	340	12	386	40	869	88	1,768	154

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, steward's supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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SYMBOLS

The Interpretation of the symbols used in the tables throughout this publication is as follows:

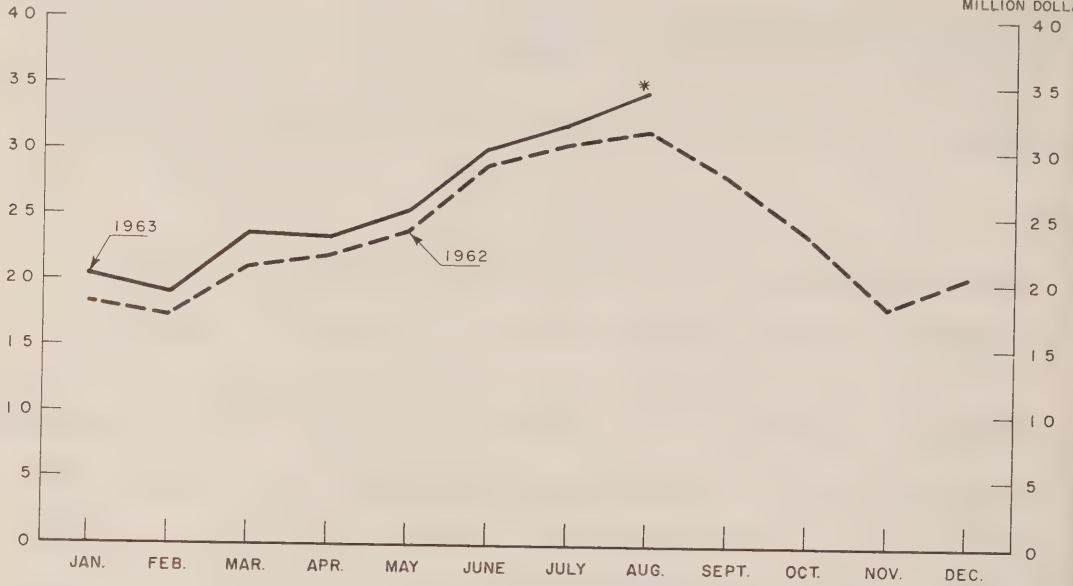
- .. Figures are not available
- ... Figures not appropriate or not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963

MILLION DOLLARS

MILLION DOLLARS



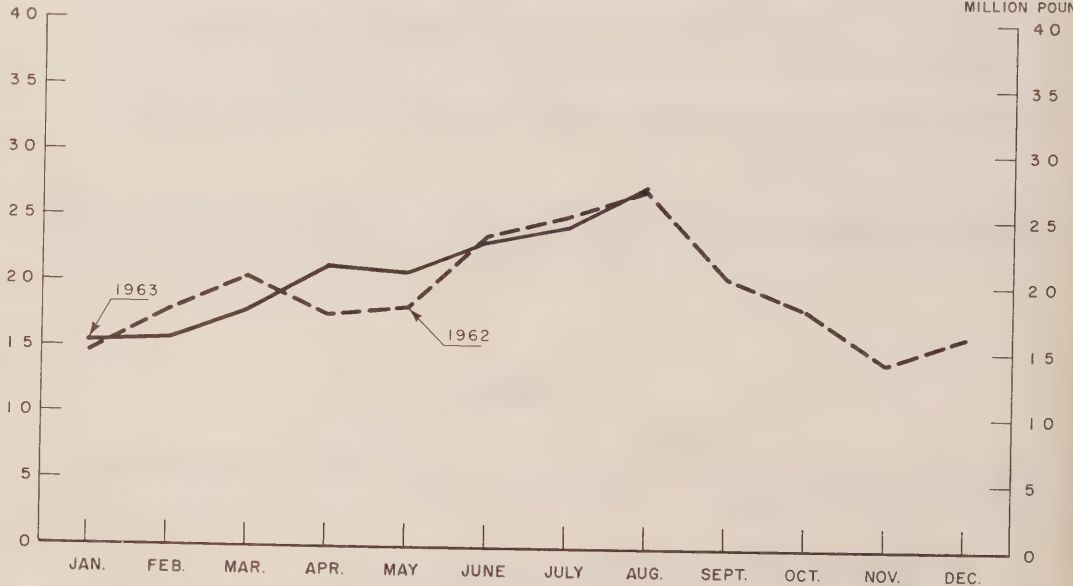
* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of August Operations:

During the month of August 1963, there was an increase in both the number of revenue passengers and the volume of revenue goods transported by Canadian air carriers, as compared with the same month of 1962. Passengers carried increased 5.8 per cent to 563,620 and goods flown increased 2 per cent to 13,772 tons.

On the financial side, operating revenues increased 9.6 per cent to \$34,499,598, an all time high for a single month. Operating expenses for the same period were up 6.7 per cent to \$27,141,525. As a result the operating income for August amounted to \$7,358,073 compared with \$6,063,928 in August 1962. The net income after provision for income taxes rose to \$6,365,830 from \$5,063,779.

In August the six scheduled carriers transported 485,908 revenue passengers (86.2 per cent of the total number carried) and 6,520 tons of revenue goods (47.3 per cent of the total). Comparable figures for August 1962 were 457,216 revenue passengers (85.8 per cent of the total) and 5,867 tons of revenue goods (43.4 per cent of the total). The scheduled carriers also accounted for 85.3 per cent of the operating revenues and 87.3 per cent of the operating expenses. Corresponding figures for August of the previous year were 83.8 and 85.7 respectively.

The Cumulative View:

For the first eight months of 1963 both the number of revenue passengers flown and the volume of revenue goods carried showed increases over the corresponding period of 1962. Revenue passengers flown rose 13.6 per cent to 4,112,270 while revenue goods carried rose 5.8 per cent to 90,432 tons. Operating revenues for the period were \$208,774,193, up 7.6 per cent from the comparable period of 1962, while operating expenses rose 4.4 per cent to \$193,904,194.

Foreign Carriers:

Foreign carriers licensed to operate in Canada are required to report statistics of their performance over Canadian territory only. Passengers and goods in transit through Canada are excluded from these statistics.

During August 1963, foreign carriers licensed to operate in Canada transported 96,602 revenue passengers, an increase of 23.6 per cent over August 1962. The volume of revenue goods handled also increased, rising to 943 tons from 886 tons.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

August 1963

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers			United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total	Total Canadian carriers				
Number of carriers reporting ...	6	19	67	86	92	10	9	111	...
Transportation services:									
Unit toll:									
Revenue departures No.	18,973	2,940	1,142	4,082	23,055	..	..	..	..
Revenue hours flown	24,511	3,144	651	3,795	28,306	336	1,265	29,907	213,042
Revenue miles scheduled	6,196,863	...	...	...	6,196,863	81,730	493,526	6,772,119	48,357,528
Revenue miles flown:									
Scheduled services	6,345,928(4)	...	...	...	6,345,928(4)	79,005	462,488	6,887,421(4)	48,973,825(4)
Non-scheduled services ...	394,737(4)	410,899	82,106	493,005	887,742(4)	-	-	887,742(4)	5,853,313(4)
Totals	6,740,665	410,899	82,106	493,005	7,233,670	79,005	462,488	7,775,163	54,827,138
Revenue passengers carried	460,642	16,094	2,511	18,605	479,247	60,743	29,478	569,468	3,792,079
Revenue goods carried:									
Cargo	7,442,132	822,277	400,813	1,223,090	8,665,222	666,967	944,671	10,384,652	76,022,362
Excess baggage	84,924(5)	17,284	5,584	22,868	107,792(5)	130,391	138,489	339,836	28,882,222
Mail	3,052,640	55,966	18,350	74,316	3,126,956	797,358	1,083,160	4,210,116	104,904,584
Totals	10,579,696	895,527	424,747	1,320,274	11,899,970	1,594,716	1,166,120	13,066,096	104,904,584
Revenue passenger-miles No.	388,550,280	4,255,088	197,830	4,452,918	393,003,198	2,550,277	14,156,827	409,710,302	2,580,474,015
Revenue goods ton-miles:									
Cargo	4,080,700	203,895	214,938	418,833	4,499,533	16,110	353,333	5,096,344	39,162,168
Excess baggage	219,615	7,446	307	7,753	227,368	2,739	59,021	1,386,453	11,813,115
Mail	1,302,685	21,045	963	22,008	1,324,693	18,849	412,354	6,482,797	50,975,283
Totals	5,603,000	232,386	216,208	448,594	6,051,594	...	...	...	...
Bulk:									
Revenue - Departure	4,232	14,179	17,185	31,364	35,596	..	..	..	..
Hours flown	5,679	17,021	15,070	32,091	37,770	4	224	37,998	176,510
Miles flown	1,179,334	1,324,251	1,404,499	2,728,750	3,908,084	1,232	72,560	3,981,876	18,900,983
Passengers carried	25,266	27,468	31,639	59,107	84,373	631	5,750	90,754	416,793
Freight carried .. lb.	2,460,662	9,105,003	4,077,438	13,182,441	15,643,103	-	6,330	15,649,433	77,845,395
Non-transportation services:									
Specialty flying:									
Revenue hours flown	24	3,497	7,268	10,765	10,789	-	-	10,789	59,343

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

August 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	23,205	17,119	18,327	35,446	58,651	..	1,489	78,694	..	..
Hours flown	30,214	23,662	22,989	46,651	76,865	340	535,048	11,757,039	..	448,895
Miles flown	7,919,999	1,735,150	1,486,605	3,221,755	11,141,754	80,237	535,048	11,757,039	..	73,728,121
Passengers carried	485,908	43,562	34,150	77,712	563,620	61,374	35,228	660,222	..	4,208,872
Cargo carried	9,902,794	9,927,280	4,478,251	14,405,531	24,308,325	666,967(7)	951,001(7)	26,034,085(7)	..	153,867,757(7)
Goods carried	13,040,358	10,000,530	4,502,185	14,502,715	27,543,073	797,358	1,089,490	29,429,921	..	182,749,979
Non-revenue:										
Hours flown	381	838	502	1,340	1,721	4	5	1,730	..	15,746
Passengers carried .....	..	453	6	459	..	1,470	303	..	..	..
Goods carried .....	..	66,526	-	66,526	..	5,784	55,087	..	..	..
Passenger-miles	23,885,193	96,192	579	96,771	23,981,964	60,699	382,264	24,424,927	..	143,052,452
Goods ton-miles	554,244	39,237	-	39,237	593,481	153	16,204	609,838	..	4,732,623
Fuel consumed:										
Turbo fuel - Quantity	18,689,878	62,000	19,520	81,520	18,771,398	182,882	3,610,385	22,564,665	..	149,404,852
Cost	2,764,872	14,880	5,367	20,247	2,785,119	31,483	587,410	3,404,012	..	22,115,996
Gasoline - Quantity	1,105,171	925,876	347,018	1,272,894	2,378,065	98,410	149,292	2,625,767	..	15,721,095
Cost	365,332	386,226	154,258	540,484	905,816	25,653	50,895	982,364	..	5,516,609
Oil consumed:										
Turbo aircraft - Quantity ..	4,213	953	4	957	5,170	7	130	5,307	..	37,381
Cost	39,028	1,191	60	1,251	40,279	59	1,126	41,464	..	303,415
Other aircraft - Quantity ..	12,147	10,201	5,384	15,585	27,732	826	1,416	29,974	..	192,221
Cost	12,772(8)	16,493	7,395	23,888	36,660(8)	720	1,168	38,548(8)	..	239,903(8)
Average number of employees:										
Flying personnel	2,114	479	320	799	2,913	..	..	..	..	..
Other personnel	13,451	903	531	1,434	14,885	234	730	18,762	..	..
Totals	15,565	1,382	851	2,233	17,798	..	..	..	..	..
Salaries and wages paid:										
Flying personnel	1,721,978	374,376	211,931	586,307	2,308,285	..	..	..	..	..
Other personnel	6,397,772	387,627	203,448	591,075	6,988,847	..	..	..	..	..
Totals	8,119,750	762,003	415,379	1,177,382	9,297,132	126,344	352,684	9,776,160	..	74,897,779

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

(8) Adjustment for previous months.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

August 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers	22,638,381	1,036,346	23,674,727	466,085	34,860	500,945	24,175,672	152,251,353
Express	337,711	97,371	435,082	6,308	610	6,918	442,000	2,872,506
Freight	907,938	120,258	1,028,196	116,115	24,900	141,015	1,169,211	8,838,180
Excess baggage	113,130	20,153	133,283	9,062	508	9,570	142,853	1,022,017
Mail	1,107,389	94,616	1,202,005	33,166	4,513	37,679	1,239,684	10,159,798
Total unit toll transportation ..	25,104,549	1,368,744	26,473,293	630,736	65,391	696,127	27,169,420	175,143,854
Bulk transportation:								
Total transportation	1,943,072	673,038	2,616,110	2,266,310	1,149,113	3,415,423	6,031,533	26,069,852
Other flying services	27,047,621	2,041,782	29,089,403	2,897,046	1,214,504	4,111,550	33,200,953	201,213,706
Total flying services	8,746	-	8,746	361,640	367,220	728,860	737,606	3,415,645
Non-flying services	27,056,367	2,041,782	29,098,149	3,258,686	1,581,724	4,840,410	33,938,559	204,629,351
Total operating revenues	306,344	27,757	334,101	47,587	1,179,351	226,938	561,039	4,144,842
	27,362,711	2,069,539	29,432,250	3,306,273	1,761,075	5,067,348	34,499,598	208,774,193
Operating expenses:								
Flying operations	5,862,142	593,284	6,455,426	1,110,730	513,180	1,623,910	8,079,336	53,724,400
Maintenance	4,442,656	425,386	4,868,042	639,190	306,167	945,357	5,813,399	41,904,264
General services and administration:								
Passenger service	1,823,627	50,181	1,873,808	..	..	..	..	..
Aircraft and traffic servicing	3,031,404	197,792	3,229,196	..	..	..	..	..
Promotion and sales	3,643,069	124,052	3,767,121	..	..	..	..	..
General administration	913,467	85,041	998,508	..	..	..	..	..
Totals	9,411,567	457,066	9,868,633	411,511	167,004	578,515	10,447,148	76,556,382
Depreciation and amortization	2,419,390	87,694	2,507,084	198,965	95,593	294,558	2,801,642	21,719,148
Total operating expenses	22,136,755	1,563,430	23,699,185	2,360,396	1,081,944	3,442,340	27,141,525	193,904,194
Operating income (loss)	5,226,956	506,109	5,733,065	945,877	679,131	1,625,008	7,358,073	14,869,999
Non-operating income - Net:								
Capital gains and losses	-	74,022	74,022	59,230	-	59,230	133,252	529,632
Interest and discounts	117,185	Dr.	113,885	2,434	1,455	3,909	117,794	877,638
Miscellaneous non-operating income ..	Dr.	35,230	Dr.	4,773	3,892	8,665	60,581	97,486
Income before interest expense	5,310,125	541,601	5,851,726	1,012,334	684,478	1,696,812	7,548,538	16,374,755
Interest expense	969,325	39,150	1,008,475	37,199	19,198	56,397	1,064,872	8,574,194
Income before income taxes	4,340,800	502,451	4,843,251	975,135	665,280	1,640,415	6,483,666	7,800,561
Provision for income taxes	-	-	-	106,082	11,754	117,836	117,836	169,052
Net income after income taxes	4,340,800	502,451	4,843,251	869,053	653,526	1,522,579	6,365,830	7,631,509

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

August 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	4,414,813	133,848	366,997	309,342	226,159	18,223,568	23,674,727	149,455,273
Express	19,676	42,400	12,807	39,857	2,307	318,035	2,783,842	2,783,842
Freight	256,724	24,759	67,813	27,686	27,686	651,214	1,028,196	8,063,326
Excess baggage	33,965	1,199	9,181	7,037	9,181	79,165	133,283	962,259
Mail	237,287	21,450	42,982	3,539	26,645	870,102	1,202,005	9,476,201
Total unit toll transportation ..	4,962,465	223,656	499,780	359,775	285,533	20,142,084	26,473,293	170,740,901
Bulk transportation	1,120,680	35,635	244,541	16,285	376,577	822,392	2,616,110	10,856,276
Total transportation	6,083,145	259,291	744,321	376,060	662,110	20,964,476	29,089,403	181,597,177
Other flying services	-	259,291	744,321	376,060	662,110	20,973,222	29,098,149	181,646,634
Total flying services	73,169	18,247	3,433	1,758	4,319	233,175	334,101	2,455,870
Non-flying services	6,156,314	277,538	747,754	377,818	666,429	21,206,397	29,432,250	184,102,504
Total operating revenues								
Operating expenses:								
Flying operations	2,036,392	68,988	222,354	97,021	204,921	3,825,750	6,455,426	44,564,485
Maintenance	882,313	45,894	139,620	65,156	174,736	3,560,343	4,868,042	35,592,025
General services and administrations:								
Passenger service	527,047	8,401	17,180	6,374	18,226	1,296,580	1,873,808	12,843,941
Aircraft and traffic servicing	555,385	31,318	115,861	24,972	25,641	2,476,019	3,229,196	24,717,527
Promotion and sales	978,925	4,481	24,289	47,273	48,009	2,664,144	3,767,121	27,268,637
General administration	189,633	24,420	34,067	8,451	18,103	723,834	998,508	7,532,943
Totals	2,250,990	68,620	191,397	87,070	109,979	7,160,577	9,868,633	72,363,048
Depreciation and amortization	215,681	-	32,366	31,931	23,397	2,203,709	2,507,084	19,304,096
Total operating expenses	5,385,376	183,502	585,757	281,158	513,033	16,750,379	23,699,185	172,023,654
Operating income (loss)	770,938	94,036	162,017	96,660	153,396	4,456,018	5,733,065	12,078,850
Non-operating income - Net:								
Capital gains and losses	-	25,935	-	99,957	-	-	74,022	182,801
Interest and discounts	60,958	3,357	-	-	57	56,227	113,885	838,054
Miscellaneous non-operating income ..	15,693	113	35,700	360	3	18,323	69,246	44,261
Income before interest expense	816,203	64,857	126,317	196,977	153,450	4,493,922	5,851,726	13,143,966
Interest expense	-	4,556	12,766	13,960	7,868	969,325	1,008,475	8,130,934
Income before income taxes	816,203	60,301	113,551	183,017	145,582	3,524,597	4,843,251	5,013,032
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	816,203	60,301	113,551	183,017	145,582	3,524,597	4,843,251	5,012,887

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

August 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures	1,969	12,225	14,194	708	1,396	1,300	1,375	4,779	18,973
Revenue hours flown	3,696	16,206	19,902	624	1,522	977	1,486	4,609	24,511
Revenue miles scheduled	1,243,572	4,561,553	5,805,125	27,066	206,112	110,245	48,315	391,738	6,196,863
Revenue miles flown:									
Scheduled services - Regular	1,237,949	4,543,748	5,781,697	25,127	190,573	107,801	48,192	371,693	6,153,390
Extra section	3,608	165,624	169,232	2,038	18,782	2,019	467	23,306	192,538
Non-scheduled services	63,472	-	63,472	76,512	24,085	70,165	160,503	331,265	394,737
Totals	1,305,029	4,709,372	6,014,401	103,677	233,440	179,985	209,162	726,264	6,740,665
Ratio of regular miles flown to miles scheduled									
Revenue passengers carried	99.5	99.6	99.6	92.8	92.5	97.8	99.7	94.9	99.3
Revenue goods carried:	45,788	373,592	419,380	6,877	15,873	10,973	7,539	41,262	460,642
Express	89,316	829,596	918,912	-	33,140	160,633	13,769	207,542	1,126,454
Freight	670,522	4,232,692	4,903,214	707,583	563,533	-	141,348	1,412,464	6,315,678
Excess baggage .....	..	..	..	10,662	25,535	35,610	13,117	84,924	84,924(2)
Mail	200,999	2,472,883	2,673,882	116,638	147,143	28,689	86,288	378,758	3,052,640
Totals	960,837	7,535,171	8,496,008	834,883	769,351	224,932	254,522	2,083,688	10,579,696
Revenue passenger-miles:									
Scheduled services	76,186,281	298,762,199	374,948,480	521,718	4,204,229	2,154,537	306,565	7,187,049	382,135,529
Non-scheduled services	1,533,228	-	1,533,228	879,210	68,638	1,594,762	2,338,913	4,881,523	6,414,751
Totals	77,719,509	298,762,199	376,481,708	1,400,928	4,272,867	3,749,299	2,645,478	12,068,572	388,550,280
Available seat-miles on scheduled services	150,088,171	457,717,017	607,805,188	1,201,950	7,162,320	3,730,176	1,144,778	13,239,224	621,044,412
Passenger load factor on scheduled services									
Passenger load factor on scheduled services	50.8	65.3	61.7	43.4	58.7	57.8	26.8	54.3	61.5
Revenue goods ton-miles:									
Express - Scheduled services	23,515	327,879	351,394	-	9,164	19,978	188	29,330	380,724
Non-scheduled services	902	-	902	-	-	17,647	3,201	20,848	21,750
Totals	24,417	327,879	352,296	-	9,164	37,625	3,389	50,178	402,474
Freight - Scheduled services	790,358	2,554,131	3,344,489	2,776	138,330	-	687	141,793	3,486,282
Non-scheduled services	2,493	-	2,493	160,082	2,005	-	27,364	189,451	191,944
Totals	792,851	2,554,131	3,346,982	162,858	140,335	-	28,051	331,244	3,678,226

See footnotes at end of table.

See footnotes at end of table.

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

August 1963

	Group I carriers				Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	34	146	180	19	99	16	67	201	381
Passengers carried	1,946	..	..	240	570	150	233	1,193	..
Goods carried	137,924	..	..	22,307	37,710	-	18,991	79,008	..
Passenger-miles	3,122,941	20,347,944	23,470,885	45,365	193,075	51,496	124,392	414,308	23,885,193
Goods ton-miles	183,907	349,313	533,220	4,369	14,015	-	2,640	21,024	554,244
Fuel consumed:									
Turbo fuel - Quantity	4,352,250	14,106,458	18,458,708	69,084	-	103,372	58,714	231,170	18,689,878
Cost	774,623	1,928,334	2,702,957	14,145	-	34,113	13,657	61,915	2,764,872
Gasoline - Quantity	408,050	-	408,050	56,603	284,389	43,104	313,025	21,024	429,074
Cost	119,439	-	119,439	17,538	106,468	9,483	112,404	245,893	365,332
Oil consumed:									
Turbo aircraft - Quantity .. gal.	332	3,875	4,207	-	-	6	-	6	4,213
Cost	2,440	36,006	38,446	-	-	582	-	582	39,028
Other aircraft - Quantity .. gal.	4,992	-	4,992	722	3,163	-	3,270	7,155	12,147
Cost	4,475	-	4,475	720	3,954	353(5)	3,270	8,297(5)	12,772(5)
Average number of employees:									
Flying personnel	495	1,380	1,875	26	84	41	88	239	2,114
Other personnel	2,166	10,307	12,473	137	328	234	279	978	13,451
Totals	2,661	11,687	14,348	163	412	275	367	1,217	15,565
Salaries and wages paid:									
Flying personnel	422,963	1,127,035	1,549,998	20,792	71,909	26,601	52,678	171,980	1,721,978
Other personnel	968,400	5,031,162	5,999,562	51,960	143,659	95,188	107,403	398,210	6,397,772
Totals	1,391,363	6,158,197	7,549,560	72,752	215,568	121,789	160,081	570,190	8,119,750

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

(5) Adjustment for previous months.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

August 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	38,134	6,290	15,216	10,973	6,570	306,556	383,739
Domestic interline	3,074	587	-	-	-	67,036	75,009
Foreign interline	4,312	-	-	-	-	-	-
Totals(2)	45,520	6,877	15,216	10,973	6,570	373,592	458,748
Revenue express carried:							
Originated	89,316	-	33,140	160,633	13,769	829,596	1,126,454
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	89,316	-	33,140	160,633	13,769	829,596	1,126,454
Revenue freight carried:							
Originated	561,156	524,984	536,998	-	70,786	4,232,692	5,926,616
Domestic interline	13,904	-	-	-	-	-	13,904
Foreign interline	24,308	-	-	-	-	-	24,308
Totals(2)	599,368	524,984	536,998	-	70,786	4,232,692	5,964,828
Revenue excess baggage carried:							
Originated .....	..	10,662	24,138	35,610	10,793	..	81,203(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	10,662	24,138	35,610	10,793	..	81,203(3)
Revenue mail carried:							
Originated	200,999	116,638	142,365	28,689	31,138	2,472,883	2,992,712
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	200,999	116,638	142,365	28,689	31,138	2,472,883	2,992,712

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

August 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	2,048	637	314	92	3,091	11,103	14,194
Revenue hours flown	2,811	2,610	802	599	6,822	13,080	19,902
Revenue miles scheduled	591,989	1,217,344	355,551	276,227	2,441,111	3,364,014	5,805,125
Revenue miles flown:							
Scheduled services - Regular	589,394	1,210,704	355,551	270,693	2,426,342	3,355,355	5,781,697
Extra sections	49,623	3,645	10,778	-	64,046	105,186	169,232
Non-scheduled services	-	-	-	-	-	63,472	63,472
Totals	639,017	1,214,349	366,329	270,693	2,490,388	3,524,013	6,014,401
Ratio of regular miles flown to miles scheduled	99.6	99.5	100.0	98.0	99.4	99.7	99.6
Revenue passengers carried No.	...	...	...	...	145,977	273,403	419,380
Revenue cargo carried lb.	...	...	...	...	2,505,218	3,316,908	5,822,126
Revenue mail carried .....	...	...	...	...	368,794	2,305,088	2,673,882
Revenue passenger-miles	37,285,418	87,764,788	20,624,833	13,535,245	159,210,284	217,271,424	376,481,708
Available seat-miles on scheduled services	53,731,040	160,119,444	48,739,875	34,482,404	297,072,763	310,732,425	607,805,188
Passenger load factor on scheduled services ...	69.4	54.8	42.3	39.3	53.6	69.4	61.7
Revenue goods ton-miles:							
Express	55,392	-	-	-	55,392	296,904	352,296
Freight	258,633	796,134	206,821	314,895	1,576,483	1,770,499	3,346,982
Excess baggage	19,304	34,171	22,875	8,553	84,903	117,730	202,633
Mail	40,744	153,098	56,152	97,538	347,532	892,643	1,240,175
Totals	374,073	983,403	285,848	420,986	2,064,310	3,077,776	5,142,086
Available ton-miles on scheduled services	6,738,534	22,068,544	6,785,790	4,532,805	40,125,673	42,215,937	82,341,610
Weight load factor on scheduled services(1) ...	60.9	44.2	34.6	39.1	44.8	58.4	51.8

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

August 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	4,127	68,937	24,611	429,404
Recreational flying	1,568	39,065	8,684	200,025
Aerial photography and survey	648	85,700	3,030	443,980
Aerial photography (excluding survey)	388	82,349	1,230	164,848
Aerial pest control	582	116,788	2,331	372,485
Aerial advertising	4	264	35	2,853
Aerial patrol and inspection	1,676	171,171	10,370	925,861
Aircraft rental	64	1,314	325	7,705
Aerial fish cultivation	-	-	-	-
Geophysical survey	1,093	98,787	6,493	619,166
Non-transportation charter	185	21,187	992	125,541
Other specialty flying	454	47,487	1,242	127,806
Total specialty flying	10,789	733,049	59,343	3,419,674

TABLE 8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV

August 1963

	Month(1)	Year to date
Revenue hours flown	9,484	36,060
Average number of aircraft	116	115
Average number of employees:		
Flying personnel	167	154
Other personnel	97	104
Totals	264	258
Salaries and wages paid:		
Flying personnel	133,645	846,977
Other personnel	56,256	451,196
Totals	189,901	1,298,173
Operating revenues:		
Bulk transportation	957,177	3,567,402
Other flying services	106,323	433,525
Non-flying services	Dr. 7,226	75,501
Totals	1,056,274	4,076,428
Operating expenses:		
Flying operations	226,962	1,462,580
Maintenance	138,496	1,186,881
General services and administration ..	41,595	375,859
Depreciation and amortization	76,792	453,563
Totals	483,845	3,478,883
Operating income (loss)	572,429	597,545
Net income (deficit) after income taxes	602,839	704,384

(1) Excludes 1 carrier operating 12 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

August 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	86,513	86,623	173,136	16,629	31,236	47,865
Bulk transportation "	623	519	1,142	8,832	11,741	20,573
Totals "	87,136	87,142	174,278	25,461	42,977	68,438
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	488,930	1,930,761	2,419,691	359,402	933,275	1,292,677
Bulk transportation "	-	-	-	6,330	-	6,330
Totals "	488,930	1,930,761	2,419,691	365,732	933,275	1,299,007
Mail carried (unit toll transportation) "	128,504	228,237	356,741	99,554	118,594	218,148
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,978	6,033	11,011	108,120	123,892	232,012
Bulk transportation "	-	-	-	9,455	12,260	21,715
Totals "	4,978	6,033	11,011	117,575	136,152	253,727
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	180,803	98,522	279,325	1,029,135	2,962,558	3,991,693
Bulk transportation "	-	-	-	6,330	-	6,330
Totals "	180,803	98,522	279,325	1,035,465	2,962,558	3,998,023
Mail carried (unit toll transportation) "	14,681	19,590	34,271	242,739	366,421	609,160
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	66,567	75,224	141,791	41,553	48,668	90,221
Bulk transportation "	6,703	8,631	15,334	2,752	3,629	6,381
Totals "	73,270	83,855	157,125	44,305	52,297	96,602
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	667,773	1,712,282	2,380,055	361,362	1,250,276	1,611,638
Bulk transportation "	-	-	-	6,330	-	6,330
Totals "	667,773	1,712,282	2,380,055	367,692	1,250,276	1,617,968
Mail carried (unit toll transportation) "	160,195	180,085	340,280	82,544	186,336	268,880

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd., and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

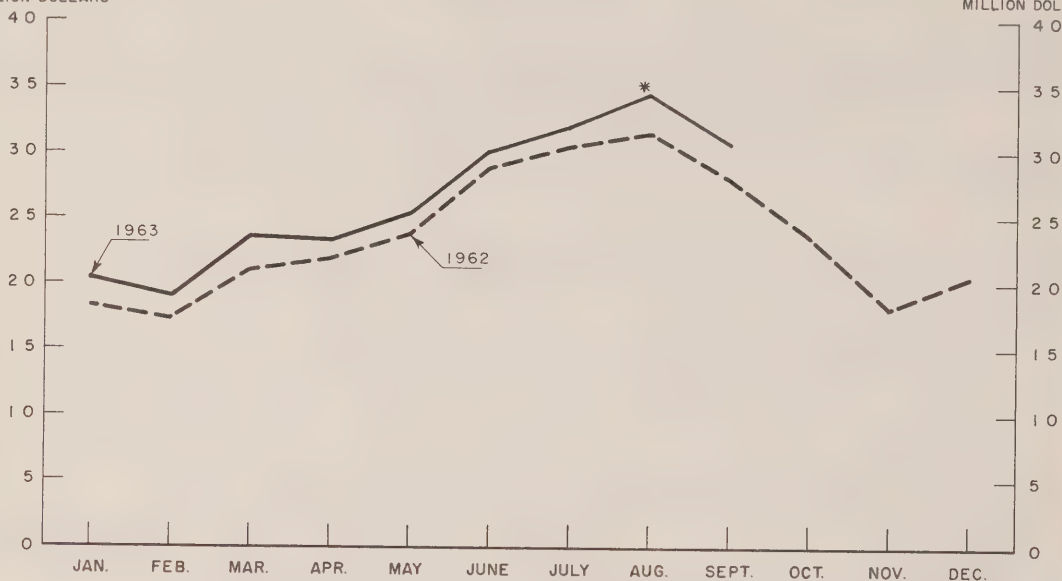
- ... Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963

MILLION DOLLARS

MILLION DOLLARS



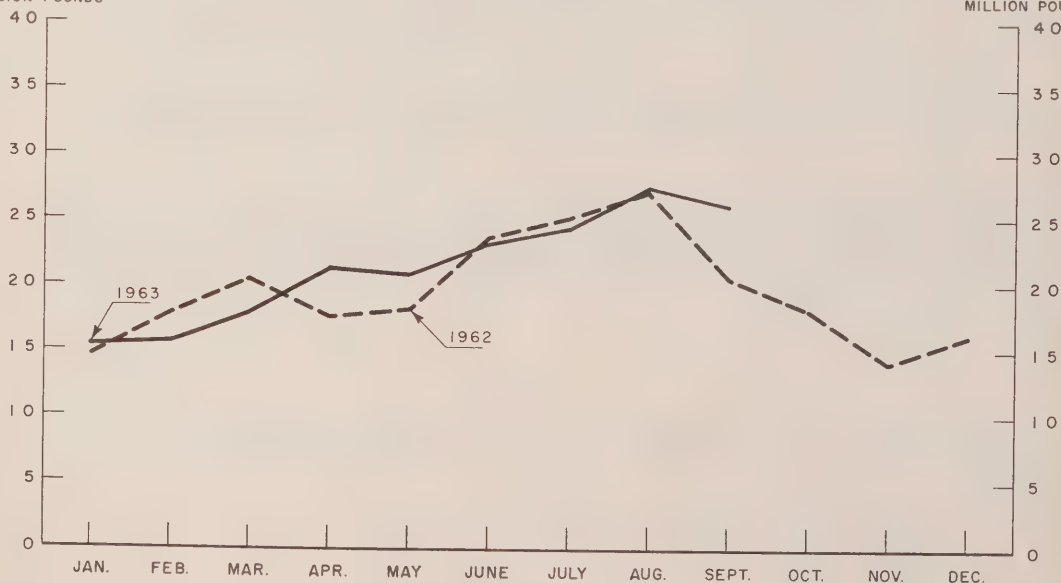
* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of September Operations:

During the month of September 1963, Canadian air carriers transported more revenue passengers and more revenue goods than in September of the previous year. Passengers carried rose 5.4 per cent to 520,036 and revenue goods rose 27.4 per cent to 13,068 tons.

On the financial side, operating revenues increased 10.1 per cent (over September 1962) to \$30,761,600 and operating expenses rose 8.1 per cent to \$25,747,535. As a result the operating income for September amounted to \$5,014,065 compared with \$4,117,108 in September 1962. The net income after provision for income taxes amounted to \$3,940,967 as against \$3,190,740 in September of the previous year.

In September, the six scheduled carriers transported 454,306 revenue passengers or 87.4 per cent of the total number carried. Scheduled carriers also transported 6,625 tons of revenue goods or 50.7 per cent of the total. Comparable figures for September 1962 were 433,797 revenue passengers or 87.9 per cent of the total and 5,530 tons of revenue goods or 53.9 per cent of the total. The scheduled carriers also accounted for 87.2 per cent of the operating revenues and 87.6 per cent of the operating expenses. Corresponding figures for September of the previous year were 87.4 per cent and 87.2 per cent respectively.

The Cumulative View:

For the first nine months of 1963 both the number of revenue passengers and the volume of revenue goods carried increased in comparison with the same period a year earlier. Revenue passengers carried increased 13.1 per cent to 4,632,306 while revenue goods carried rose 9.4 per cent to 103,496 tons. Operating revenues for the period were \$239,535,793, up 7.9 per cent from September 1962, while operating expenses rose 4.8 per cent to \$219,651,729.

Foreign Carriers

Foreign carriers licensed to operate in Canada are required to report statistics of their performance over Canadian territory only.

During September, foreign carriers licensed to operate in Canada transported 82,130 revenue passengers, an increase of 17.8 per cent over passengers reported in September, 1962. The volume of goods carried rose 5.9 per cent to 1,002 tons.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services
September 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers				United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	21	64	85		91	10	9	110	...
Transportation services:										
Unit toll:										
Revenue departures	17,440	2,776	796	3,572		21,012	..	..	..	..
Revenue hours flown	22,346	2,829	546	3,375		25,721	331	1,085	27,137	240,179
Revenue miles scheduled	5,758,719	...	...	...		5,758,719	81,482	433,378	6,273,579	54,631,107
Revenue miles flown:										
Scheduled services	5,863,866(4)	...	...	...		5,863,866(4)	79,162	402,000	6,345,028(4)	55,318,853(4)
Non-scheduled services ...	345,039(4)	377,844	66,810	444,654		789,693(4)	-	-	789,693(4)	6,643,006(4)
Totals	6,208,905	377,844	66,810	444,654		6,653,559	79,162	402,000	7,134,721	61,961,859
Revenue passengers carried	437,058	13,878	2,191	16,069		453,127	56,414	22,408	531,949	4,324,028
Revenue goods carried:										
Cargo	7,706,136	636,924	242,605	879,529		8,585,665	645,120	1,113,767	10,460,197	86,482,559
Excess baggage	88,592(5)	20,129	6,924	27,053		115,645(5)	120,598	124,485	3,367,771	32,249,993
Mail	3,011,640	97,267	13,781	111,048		3,122,688	765,718	1,238,252	13,827,968	118,732,552
Totals	10,806,368	754,320	263,310	1,017,630		11,823,998	2,327,551	18,336,240	370,336,079	2,950,810,094
Revenue passenger-miles	346,131,873	3,368,073	172,342	3,540,415		349,672,288				
Revenue goods ton-miles:										
Cargo	4,381,720	130,895	16,740	147,635		4,529,355	15,635	406,838	5,207,517	44,369,685
Excess baggage	247,024	8,348	317	8,665		255,689	2,468	54,162	1,400,714	13,213,829
Mail	1,311,330	31,821	933	32,754		1,344,084	18,103	461,000	6,608,231	57,583,514
Totals	5,940,074	171,064	17,990	189,054		6,129,128				
Bulk:										
Revenue - Departure	3,028	11,868	15,115	26,983		30,011	..	..	..	..
Hours flown	4,545	14,489	10,236	24,725		29,270	2	102	29,374	205,884
Miles flown	932,844	1,172,729	1,006,395	2,179,124		3,111,968	531	41,500	3,153,999	22,054,962
Passengers carried	17,248	23,785	25,876	49,661		66,909	437	2,871	70,217	487,010
Freight carried .. lb.	2,443,186	7,965,078	3,903,491	11,868,569		14,311,755	-	-	14,311,755	92,157,150
Non-transportation services:										
Specialty flying:										
Revenue hours flown	24	2,053	5,958	8,011		8,035	-	-	8,035	67,378

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

September 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			Total	United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV							
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	No.	20,468	14,644	15,911	30,555	51,023	..	..	64,546	..
Hours flown	"	26,915	19,371	16,740	36,111	63,026	333	1,187	10,288,720	513,441
Miles flown	"	7,141,749	1,550,573	1,073,205	2,623,778	9,765,527	79,693	443,500	602,166	84,016,841
Passengers carried	"	454,306	37,663	28,067	65,730	520,036	56,851	25,279	24,771,952(7)	4,811,038
Cargo carried	lb.	10,149,322	8,602,002	4,146,096	12,748,098	22,897,420	645,120(7)	1,113,767(7)	28,139,723	178,639,709(7)
Goods carried	"	13,249,554	8,719,398	4,166,801	12,886,199	26,135,753	765,718	1,238,252	210,889,702	
Non-revenue:										
Hours flown	No.	428	880	544	1,424	1,852	123	-	1,975	17,721
Goods carried	"	..	346	3	349	..	1,059	545	..	..
Passenger-miles	lb.	..	57,966	2,100	60,066	..	5,650	60,985	..	..
Goods ton-miles	"	17,717,212	234,757	491	235,248	17,952,460	47,076	348,873	18,348,409	161,400,861
	"	490,643	36,298	135	36,433	527,076	134	13,722	540,932	5,273,555
Fuel consumed:										
Turbo fuel - Quantity	gal.	17,088,749	63,600	17,917	81,517	17,170,266	97,606	3,345,301	20,613,173	170,018,025
Cost	\$	2,521,152	15,264	4,611	19,875	2,541,027	15,933	552,039	3,108,999	25,224,995
Gasoline - Quantity	gal.	1,022,700	797,209	269,377	1,066,586	2,089,286	84,846	144,849	2,318,981	18,040,076
Cost	\$	335,221	320,090	118,899	438,989	774,210	20,222	37,936	832,368	6,348,977
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	4,576	978	3	981	5,557	6	121	5,684	43,065
Cost	\$	27,689	1,223	45	1,268	28,957	36	1,077	30,070	333,485
Other aircraft - Quantity ..	gal.	12,118	10,795	3,215	14,010	26,128	807	1,077	28,012	220,233
Cost	\$	12,067	18,753	4,558	23,311	35,378	706	941	37,025	276,928
Average number of employees:										
Flying personnel	No.	2,113	610	274	884	2,997	..	..	..	..
Other personnel	"	13,276	811	491	1,302	14,578	..	..	..	..
Totals	"	15,389	1,421	765	2,186	17,575	212	734	18,521	18,520
Salaries and wages paid:										
Flying personnel	\$	1,738,270	405,567	170,013	575,580	2,313,850	..	..	..	..
Other personnel	\$	6,320,808	383,856	189,981	573,837	6,894,645	..	..	..	..
Totals	\$	8,059,078	789,423	359,994	1,149,417	9,208,495	112,518	327,286	9,648,299	84,546,078

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

September 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers	20,678,228	886,950	21,565,178	404,566	32,269	436,835	22,002,013	174,253,366
Express	386,959	99,673	486,632	9,183	4,037	13,220	499,852	3,372,358
Freight	1,028,287	93,701	1,121,988	84,291	11,623	95,914	1,217,902	10,056,082
Excess baggage	120,584	20,298	140,882	10,081	647	10,728	151,610	1,173,627
Mail	1,090,482	90,531	1,181,013	38,151	3,650	41,801	1,222,814	11,382,612
Total unit toll transportation ..	23,304,560	1,191,153	24,495,693	546,272	52,226	598,498	25,094,191	200,238,045
Bulk transportation	1,220,329	695,396	1,915,725	1,769,283	796,915	2,566,198	4,481,923	30,551,775
Total transportation	24,524,869	1,886,549	26,411,418	2,315,555	849,141	3,164,696	29,576,114	230,789,820
Other flying services	6,707	1,517	8,224	384,531	186,261	570,792	579,016	3,994,661
Total flying services	24,531,576	1,888,066	26,419,642	2,700,086	1,035,402	3,735,488	30,155,130	234,784,481
Non-flying services	393,929	20,250	414,179	97,462	94,829	192,291	606,470	4,751,312
Total operating revenues	24,925,505	1,908,316	26,833,821	2,797,548	1,130,231	3,927,779	30,761,600	239,535,793
Operating expenses:								
Flying operations	5,390,651	573,580	5,964,231	1,065,789	404,731	1,470,520	7,434,751	61,159,151
Maintenance	4,154,446	449,351	4,603,797	622,402	236,348	858,750	5,462,547	47,366,811
General services and administration:								
Passenger service	1,664,816	46,219	1,711,035	..	..	..	..	..
Aircraft and traffic servicing	3,011,605	218,536	3,230,141	..	..	..	..	..
Promotion and sales	3,519,014	127,212	3,646,226	..	..	..	..	..
General administration	811,230	108,857	920,087	..	..	..	..	..
Totals	9,006,665	500,824	9,507,489	407,818	157,577	565,395	10,072,884	86,629,266
Depreciation and amortization	2,396,679	87,404	2,484,083	208,255	85,015	293,270	2,777,353	24,496,501
Total operating expenses	20,948,441	1,611,159	22,559,600	2,304,264	883,671	3,187,935	25,747,535	219,651,729
Operating income (loss)	3,977,064	297,157	4,274,221	493,284	246,560	739,844	5,014,065	19,884,064
Non-operating income - Net:								
Capital gains and losses	-	Dr.	965	116,786	8,880	125,666	124,701	654,333
Interest and discounts	129,561	849	130,410	5,475	996	6,471	136,881	1,014,519
Miscellaneous non-operating income ..	7,115	Dr.	2,879	1,597	4,187	5,784	8,663	106,149
Income before interest expense	4,113,740		4,406,545	617,142	260,623	877,765	5,284,310	21,659,065
Interest expense	937,565		972,792	61,188	11,442	72,630	1,045,422	9,619,616
Income before income taxes	3,176,175		3,433,753	555,954	249,181	805,135	4,238,888	12,039,449
Provision for income taxes	-		155,000	48,169	94,752	142,921	297,921	466,973
Net income after income taxes	3,176,175		3,278,753	507,785	154,429	662,214	3,940,967	11,572,476

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

September 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
Operating revenues:								
Unit .. . : transportation:				dollars				
Passengers	4,450,451	99,777	306,380	285,388	195,405	16,227,777	21,565,178	171,020,451
Express	17,515	49,765	9,826	37,988	2,094	369,444	486,632	3,270,474
Freight	240,280	9,994	64,259	-	19,448	788,007	1,121,988	9,185,314
Excess baggage	41,435	1,493	8,213	8,107	2,485	79,149	140,882	1,103,141
Mail	232,852	20,326	42,386	3,279	24,540	857,630	1,181,013	10,657,214
Total unit toll transportation ..	4,982,533	181,355	431,064	334,762	243,972	18,322,007	24,495,693	195,236,594
Bulk transportation	518,952	10,434	199,879	910	484,173	701,377	1,915,725	12,772,001
Total transportation	5,501,485	191,789	630,943	335,672	728,145	19,023,384	26,411,418	208,008,595
Other flying services	-	-	-	-	1,517	6,707	8,224	57,681
Total flying services	5,501,485	191,789	630,943	335,672	729,662	19,030,091	26,419,642	208,066,276
Non-flying services	100,263	11,118	1,911	2,960	4,261	293,666	414,179	2,870,049
Total operating revenues	5,601,748	202,907	632,854	338,632	733,923	19,323,757	26,833,821	210,936,325
Operating expenses:								
Flying operations	1,802,275	56,674	200,526	90,852	225,528	3,588,376	5,964,231	50,528,716
Maintenance	761,908	43,324	124,545	77,487	203,995	3,392,558	4,603,797	40,195,822
General services and administrations:								
Passenger service	443,949	5,358	17,322	4,308	19,231	1,220,867	1,711,035	14,554,976
Aircraft and traffic servicing	527,256	30,019	134,457	26,852	27,208	2,484,349	3,230,141	27,947,668
Promotion and sales	972,001	6,185	26,361	52,767	41,899	2,547,013	3,646,226	30,914,863
General administration	197,091	30,984	28,109	26,929	22,835	614,139	920,087	8,453,030
Totals	2,140,297	72,546	206,249	110,856	111,173	6,866,368	9,507,489	81,870,537
Depreciation and amortization	205,601	32,192	32,192	32,111	23,101	2,191,078	2,484,083	21,988,179
Total operating expenses	4,910,081	172,544	563,512	311,306	563,797	16,038,360	22,559,600	194,583,254
Operating income (loss)	691,667	30,363	69,342	27,326	170,126	3,285,397	4,274,221	16,353,071
Non-operating income - Net:								
Capital gains and losses	-	61	299	-	605	-	965	181,836
Interest and discounts	60,621	517	-	-	332	68,940	130,410	968,464
Miscellaneous non-operating income ..	7,926	166	4,293	298	75	811	2,879	47,140
Income before interest expense	760,214	30,653	64,750	27,624	169,778	3,353,526	4,406,545	17,550,511
Interest expense	-	566	12,892	13,920	7,849	937,565	972,792	9,103,726
Income before income taxes	760,214	30,087	51,858	13,704	161,929	2,415,961	3,433,753	8,446,785
Provision for income taxes	-	-	-	-	155,000	-	155,000	155,145
Net income after income taxes	760,214	30,087	51,858	13,704	6,929	2,415,961	3,278,753	8,291,640

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

September 1963

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(l)	Quebecair Inc. (l)	Transair Ltd. (l)	Total(l)	
Transportation services:									
Unit toll:									
Revenue departures	1,804	11,543	13,347	634	1,196	1,103	1,160	4,093	17,440
Revenue hours flown	3,499	15,053	18,552	495	1,222	804	1,273	3,794	22,346
Revenue miles scheduled	1,205,839	4,240,648	5,446,487	25,210	166,294	75,095	45,633	312,232	5,758,719
Revenue miles flown:									
Scheduled services - Regular	1,180,785	4,235,616	5,416,401	23,780	158,094	73,386	45,633	300,893	5,717,294
Extra section	8,882	128,758	137,640	47	4,352	4,533	-	8,932	146,572
Non-scheduled services	52,848	-	52,848	59,421	24,145	71,114	137,511	292,191	345,039
Totals	1,242,515	4,364,374	5,606,889	83,248	186,591	149,033	183,144	602,016	6,208,905
Ratio of regular miles flown to miles scheduled	97.9	99.9	99.4	94.3	95.1	97.7	100.0	96.4	99.3
Revenue passengers carried	43,194	359,064	402,258	4,843	13,314	10,054	6,589	34,800	437,058
Revenue goods carried:									
Express	76,237	1,073,013	1,149,250	-	25,973	160,377	14,696	201,046	1,350,296
Freight	657,222	4,647,524	5,304,746	449,563	486,114	-	115,417	1,051,094	6,355,840
Excess baggage	-	-	-	11,828	24,462	39,239	13,063	88,592	88,592
Mail	194,046	2,441,788	2,635,834	109,432	153,738	26,866	85,770	375,806	3,011,640
Totals	927,505	8,162,325	9,089,830	570,823	690,287	226,482	228,946	1,716,538	10,806,368
Revenue passenger-miles:									
Scheduled services	74,108,209	260,797,078	334,905,287	366,556	3,318,236	1,716,537	282,098	5,683,427	340,588,714
Non-scheduled services	1,340,628	-	1,340,628	667,477	88,380	1,516,261	1,930,413	4,202,531	5,543,159
Totals	75,448,837	260,797,078	336,245,915	1,034,033	3,406,616	3,232,798	2,212,511	9,885,958	346,131,873
Available seat-miles on scheduled services	143,404,377	423,998,251	567,402,628	1,104,808	7,046,256	2,716,444	1,026,125	11,893,633	579,296,261
Passenger load factor on scheduled services	51.7	61.5	59.0	33.2	47.1	63.2	27.5	47.8	58.8
Revenue goods ton-miles:									
Express - Scheduled services	19,762	380,878	400,640	-	6,982	18,337	218	25,537	426,177
Non-scheduled services	949	-	949	-	-	16,894	3,070	19,964	20,913
Totals	20,711	380,878	401,589	-	6,982	35,231	3,288	45,501	447,090
Freight - Scheduled services	773,165	2,912,554	3,685,719	2,150	116,246	-	550	118,946	3,804,665
Non-scheduled services	2,249	-	2,249	99,426	6,701	-	21,589	127,716	129,965
Totals	775,414	2,912,554	3,687,968	101,576	122,947	-	22,139	246,662	3,934,630

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

September 1963

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(l)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services	44,553	185,326	229,879	276	4,444	3,814	85	8,619	238,498
Non-scheduled services	105	-	105	1,140	37	4,659	2,585	8,421	8,526
Totals	44,658	185,326	229,984	1,416	4,481	8,473	2,670	17,040	247,024
Mail - Scheduled services	205,798	1,037,181	1,242,979	3,632	38,191	889	966	43,678	1,286,657
Non-scheduled services	3,803	1,037,181	3,803	9,069	211	1,190	10,400	24,673	24,673
Totals	209,601	1,037,181	1,246,782	12,701	38,402	2,079	11,366	64,548	1,311,330
Total - Scheduled services	1,043,278	4,515,939	5,559,217	6,058	165,863	23,040	1,819	196,780	5,755,997
Non-scheduled services	7,106	-	7,106	109,635	6,949	22,743	37,644	176,971	184,077
Totals	1,050,384	4,515,939	5,566,323	115,693	172,812	45,783	39,463	373,751	5,940,074
Available ton-miles on scheduled services	18,903,137	57,657,666	76,560,803	120,079	1,017,927	270,555	114,481	1,523,042	78,083,845
Weight load factor on scheduled services(3)	44.7	53.1	51.0	35.6	48.9	72.0	26.2	50.2	51.0
Bulk:									
Revenue - Departures	100	177	277	44	1,981	2	724	2,751	3,028
Hours flown	626	558	1,184	57	1,696	4	1,604	3,361	4,545
Miles flown	213,590	240,783	454,373	8,276	191,762	674	277,759	478,471	932,844
Passengers carried	3,763	7,922	11,685	571	3,183	51	1,758	5,563	17,248
Freight carried	-	-	-	21,936	488,573	-	1,932,677	2,443,186	2,443,186
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	19	19	-	-	-	5	5	24
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	1,904	11,720	13,624	678	3,177	1,105	1,884	6,844	20,468
Hours flown	4,125	15,630	19,755	552	2,918	808	2,882	7,160	26,915
Miles flown	1,456,105	4,605,157	6,061,262	91,524	378,353	149,707	460,903	1,080,487	7,141,749
Passengers carried	46,957	366,986	413,943	5,414	16,497	10,105	8,347	40,363	454,306
Cargo carried	733,459	5,720,537	6,453,996	471,499	1,000,660	160,377	2,062,790	3,695,326	10,149,322
Goods carried	927,505	8,162,325	9,089,830	592,759	1,176,860	226,482	2,161,623	4,159,724	13,249,554

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

September 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic, hours and miles (4) - Concluded:									
Non-revenue:									
Hours flown	69	110	179	27	99	27	96	249	428
Passengers carried	1,637	..	..	195	507	107	107	916	..
Goods carried	122,739	..	..	8,126	33,951	-	15,390	57,467	..
Passenger-miles	3,360,576	14,067,545	17,428,121	39,562	146,867	37,805	64,857	289,091	17,717,212
Goods ton-miles	158,007	317,098	475,105	1,896	9,077	-	4,565	15,538	490,643
Fuel consumed:									
Turbo fuel - Quantity	3,813,679	13,032,049	16,845,728	71,524	-	135,609	35,888	243,021	17,088,749
Cost	685,625	1,775,349	2,460,974	14,694	-	32,923	12,561	60,178	2,521,152
Gasoline - Quantity	367,438	-	367,438	28,313	238,297	18,550	370,102	655,262	1,022,700
Cost	104,242	-	104,242	8,629	89,054	7,172	126,124	230,979	335,221
Oil consumed:									
Turbo aircraft - Quantity .. gal.	432	3,094	3,526	-	-	1,050	-	1,050	4,576
Cost	3,373	23,675	27,048	-	-	641	-	641	27,689
Other aircraft - Quantity .. gal.	4,793	-	4,793	461	2,650	996	3,218	7,325	12,118
Cost	4,728	-	4,728	447	3,313	361	3,218	7,339	12,067
Average number of employees:									
Flying personnel	499	1,366	1,865	27	86	41	94	248	2,113
Other personnel	2,129	10,180	12,309	128	321	231	287	967	13,276
Totals	2,628	11,546	14,174	155	407	272	381	1,215	15,389
Salaries and wages paid:									
Flying personnel	417,255	1,132,333	1,549,588	20,555	77,149	26,020	64,958	188,682	1,738,270
Other personnel	945,863	4,974,066	5,919,929	47,468	146,572	95,860	110,979	400,879	6,320,808
Totals	1,363,118	6,106,399	7,469,517	68,023	223,721	121,880	175,937	589,561	8,059,078

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

September 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	35,381	4,451	12,468	10,054	5,831	299,474	367,859
Domestic interline	3,346	392	-	-	-	59,590	67,406
Foreign interline	4,078	-	-	-	-	-	-
Totals(2)	43,005	4,843	12,468	10,054	5,831	359,064	435,265
Revenue express carried:							
Originated	76,237	-	25,973	160,377	14,696	1,073,013	1,350,296
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	76,237	-	25,973	160,377	14,696	1,073,013	1,350,296
Revenue freight carried:							
Originated	564,126	386,405	455,816	-	60,871	4,647,524	6,114,742
Domestic interline	12,015	-	-	-	-	-	12,015
Foreign interline	21,268	-	-	-	-	-	21,268
Totals(2)	597,409	386,405	455,816	-	60,871	4,647,524	6,148,025
Revenue excess baggage carried:							
Originated .....	..	11,828	23,757	39,239	10,725	..	85,549(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	11,828	23,757	39,239	10,725	..	85,549(3)
Revenue mail carried:							
Originated	194,046	109,432	149,863	26,866	31,140	2,441,788	2,953,135
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	194,046	109,432	149,863	26,866	31,140	2,441,788	2,953,135

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

September 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,886	579	279	93	2,837	10,510	13,347
Revenue hours flown	2,600	2,386	726	587	6,299	12,253	18,552
Revenue miles scheduled	557,180	1,112,818	338,345	265,545	2,273,888	3,172,599	5,446,487
Revenue miles flown:							
Scheduled services - Regular	557,180	1,088,503	337,740	265,545	2,248,968	3,167,433	5,416,401
Extra sections	39,279	5,232	-	-	44,511	93,129	137,640
Non-scheduled services	-	-	-	-	-	52,848	52,848
Totals	596,459	1,093,735	337,740	265,545	2,293,479	3,313,410	5,606,889
Ratio of regular miles flown to miles scheduled	100.0	97.8	99.8	100.0	98.9	99.8	99.4
Revenue passengers carried	No.	...	...	...	127,766	274,492	402,258
Revenue cargo carried	lb.	...	...	...	2,785,242	3,668,754	6,453,996
Revenue mail carried .....	..	...	...	...	350,992	2,284,842	2,635,834
Revenue passenger-miles	No.	33,925,138	18,762,999	17,170,618	136,309,775	199,936,140	336,245,915
Available seat-miles on scheduled services	"	49,852,729	45,327,946	33,756,621	273,453,526	293,949,102	567,402,628
Passenger load factor on scheduled services ...		68.1	41.4	50.9	49.8	67.6	59.0
Revenue goods ton-miles:							
Express	No.	65,082	-	-	65,082	336,507	401,589
Freight	"	279,306	228,131	267,755	1,733,952	1,954,016	3,687,968
Excess baggage	"	22,046	34,923	14,151	93,471	136,513	229,984
Mail	"	36,058	170,033	55,610	105,757	879,324	1,246,782
Totals	"	402,492	306,092	387,663	2,259,963	3,306,360	5,566,323
Available ton-miles on scheduled services,	"	6,198,050	20,069,853	4,423,737	36,938,889	39,621,914	76,560,803
Weight load factor on scheduled services(1) ...		61.2	34.9	47.6	43.0	58.4	51.0

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

September 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,964	70,871	28,575	500,275
Recreational flying	1,398	32,307	10,082	232,332
Aerial photography and survey	360	66,949	3,390	510,929
Aerial photography (excluding survey)	176	18,059	1,406	182,907
Aerial pest control	151	4,508	2,482	376,993
Aerial advertising	31	2,561	66	5,414
Aerial patrol and inspection	985	109,860	11,355	1,035,721
Aircraft rental	35	766	360	8,471
Aerial fish cultivation	-	-	-	-
Geophysical survey	748	108,541	7,241	727,707
Non-transportation charter	59	9,336	1,051	134,877
Other specialty flying	128	155,949	1,370	283,755
Total specialty flying	8,035	579,707	67,378	3,999,381

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

September 1963

	Month	Year to date
Revenue hours flown	6,175	42,235
Average number of aircraft	116	115
Average number of employees:		
Flying personnel	177	156
Other personnel	121	106
Totals	298	262
Salaries and wages paid:		
Flying personnel	131,597	978,574
Other personnel	68,366	519,562
Totals	199,963	1,498,136
Operating revenues:		
Bulk transportation	621,995	4,189,337
Other flying services	34,577	468,102
Non-flying services	43,502	119,003
Totals	700,074	4,776,502
Operating expenses:		
Flying operations	263,617	1,726,197
Maintenance	182,195	1,369,076
General services and administration ..	44,051	419,910
Depreciation and amortization	59,713	513,276
Totals	549,576	4,028,459
Operating income (loss)	150,498	748,043
Net income (deficit) after income taxes	152,223	856,607

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

September 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	80,607	76,854	157,461	13,247	21,951	35,198
Bulk transportation "	925	825	1,750	4,622	6,727	11,349
Totals "	81,532	77,679	159,211	17,869	28,678	46,547
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	480,415	2,090,426	2,570,841	373,025	1,205,635	1,578,660
Bulk transportation "	-	-	-	-	-	-
Totals "	480,415	2,090,426	2,570,841	373,025	1,205,635	1,578,660
Mail carried (unit toll transportation) "	111,333	204,707	316,040	93,971	119,948	213,919
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,163	5,849	10,012	98,017	104,654	202,671
Bulk transportation "	245	-	245	5,792	7,552	13,344
Totals "	4,408	5,849	10,257	103,809	112,206	216,015
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	164,797	90,132	254,929	1,018,237	3,386,193	4,404,430
Bulk transportation "	-	-	-	-	-	-
Totals "	164,797	90,132	254,929	1,018,237	3,386,193	4,404,430
Mail carried (unit toll transportation) "	15,349	20,755	36,104	220,653	345,410	566,063
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	59,485	64,364	123,849	38,532	40,290	78,822
Bulk transportation "	3,940	6,096	10,036	1,852	1,456	3,308
Totals "	63,425	70,460	133,885	40,384	41,746	82,130
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	711,207	1,934,336	2,645,543	307,030	1,451,857	1,758,887
Bulk transportation "	-	-	-	-	-	-
Totals "	711,207	1,934,336	2,645,543	307,030	1,451,857	1,758,887
Mail carried (unit toll transportation) "	151,577	169,403	320,980	69,076	176,007	245,083

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers

Third Quarter 1963

	Quarter	Year to date
Number of reporting carriers	242	...
Bulk transportation:		
Revenue hours flown	28,582	60,294
Revenue passengers carried	61,523	127,595
Revenue goods carried	4,428,752	8,684,439
Specialty flying services:		
Revenue hours flown:		
Flying training	24,217	56,905
Recreational flying	7,376	16,660
Aerial photography and survey	224	857
Aerial photography (excluding survey) "	383	486
Aerial pest control	2,712	5,912
Aerial advertising	10	14
Aerial patrol and inspection	1,844	4,074
Aircraft rental	5,222	9,970
Aerial fish cultivation	-	80
Geophysical survey	-	-
Non-transportation charter	5	30
Other specialty flying	649	3,603
Total specialty flying services ...	42,642	98,591
Total - All services:		
Revenue hours flown	71,224	158,885
Non-revenue hours flown	3,562	9,141

TABLE 11. Statement of Income, Canadian Group V Carriers

Third Quarter 1963

	Quarter	Year to date
		dollars
Operating revenues:		
Bulk transportation	1,496,124	3,044,646
Other flying services	1,215,725	2,446,114
Total flying services	2,711,849	5,490,760
Non-flying services	578,651	1,920,348
Total operating revenues	3,290,500	7,411,108
Operating expenses:		
Flying operations	1,337,883	2,994,135
Maintenance	470,233	1,215,954
General services and administration	574,523	2,004,222
Depreciation	298,532	825,426
Total operating expenses	2,681,171	7,039,737
Operating income (loss)	609,329	371,371
Non-operating income - Net	Dr. 17,418	Dr. 109,304
Income before income taxes	591,911	262,067
Provision for income taxes	55,463	79,310
Net income after income taxes	536,448	182,757

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, steward's supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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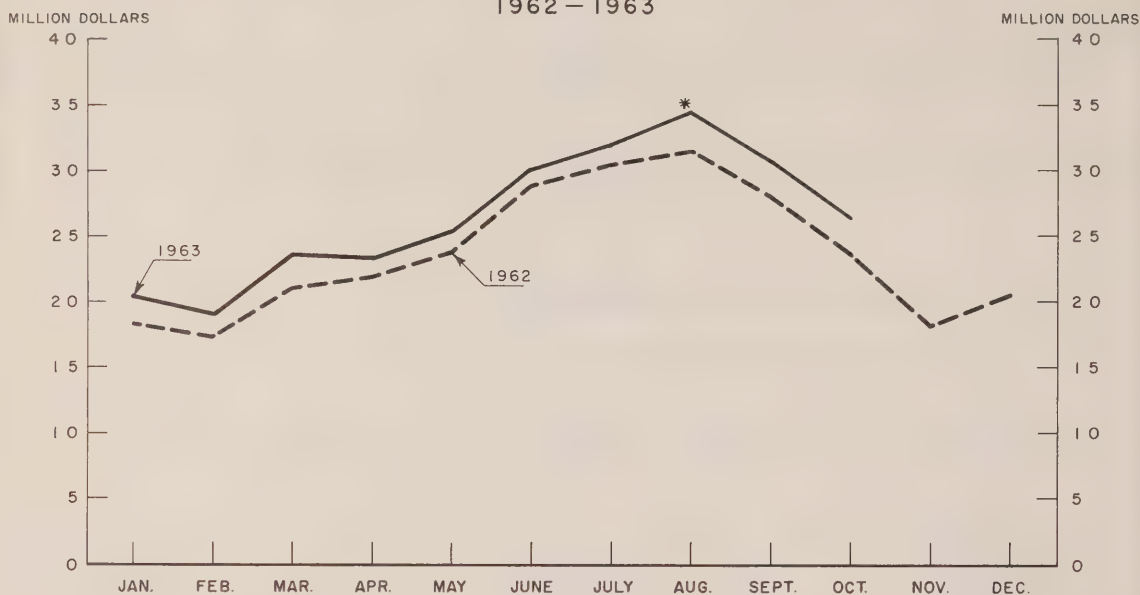
SYMBOLS

The Interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available
- ... Figures not appropriate or not applicable.
- Nil or Zero.

OPERATING REVENUE OF CANADIAN CARRIERS

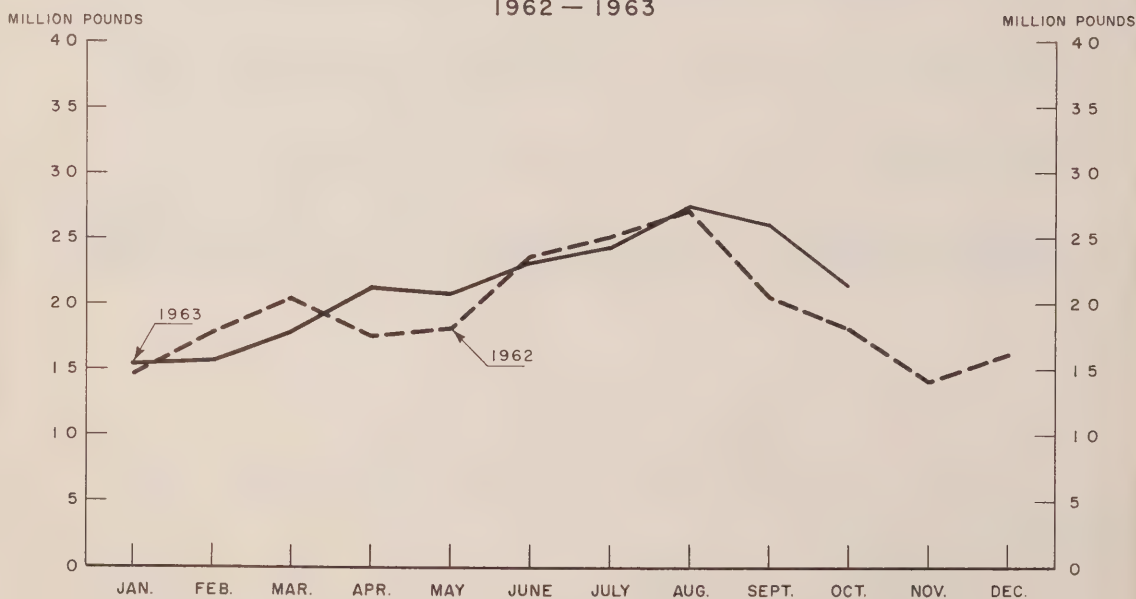
1962 - 1963



* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. which is classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of October Operations:

During the month of October 1963, there was an increase in both the number of revenue passengers, and the volume of revenue goods transported by Canadian Air Carriers, as compared with the same month of 1962. Passengers carried rose 11.2 per cent to 482,806 and goods increased 17.4 per cent to 10,661 tons.

On the financial side, operating revenues increased 11 per cent to \$26,201,520 and operating expenses rose 6.9 per cent over October 1962, to \$24,498,755. As a result the operating income for October amounted to \$1,702,765 compared with \$686,336 in October 1962. After provision for income taxes, the net income amounted to \$864,607 as against a deficit of \$217,558 in October of the previous year.

Commencing in October, Eastern Provincial Airways (which previously reported with Group III carriers) merged with Maritime Central Airways to form a new company which will be known as Eastern Provincial Airways (1963) Limited. The operations of this carrier will henceforth be shown with the other Group II carriers throughout this report.

This merger has made it necessary to estimate the split between scheduled and non-scheduled services for the purposes of this report. This is indicated appropriately in Table 4.

In October the six scheduled carriers transported 438,435 revenue passengers which is 90.8 per cent of the total number carried. They also carried 6,869 tons of revenue goods or 64.4 per cent of the total. The scheduled carriers also accounted for 90.8 per cent of the operating revenues and 90 per cent of the operating expenses. Corresponding figures for October of the previous year were 90.3 per cent and 89.6 per cent respectively.

The Cumulative View:

For the first ten months of 1963 the number of revenue passengers flown increased substantially, but the volume of revenue goods carried was virtually unchanged. Revenue passengers transported rose 12.7 per cent to 5,126,761 while in contrast, revenue goods carried declined 0.2 per cent to 104,691 tons. Operating revenues for the period were \$266,507,499, up 8.5 per cent from the comparable period of 1962, while operating expenses rose 5.2 per cent to \$244,729,854.

Foreign Carriers:

Foreign carriers licensed to operate in Canada are required to report statistics of their performance over Canadian territory only.

During October 1963, foreign carriers licensed to operate in Canada transported 83,451 revenue passengers, an increase of 25.8 per cent over October 1962. The volume of revenue goods carried also increased, rising 30.7 per cent to 1,245 tons.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

October 1963

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year total to date
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
	Scheduled carriers Group I and II(1)	Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	20	62	82	88	10	9	107	..
Transportation services:									
Unit toll:									
Revenue departures	17,745	2,175	850	3,025	20,770	..	..	..	..
Revenue hours flown	21,824	2,241	840	3,081	24,905	340	1,028	26,273	267,139
Revenue miles scheduled	5,436,748 (4)	...	...	...	5,436,748 (4)	86,056	378,293	5,901,097 (4)	60,532,204 (4)
Revenue miles flown:									
Scheduled services	5,549,842(4)	...	...	...	5,549,842(4)	83,221	393,978	6,027,041(4)	61,600,944(4)
Non-scheduled services	344,542(4)	276,745	66,816	343,561	688,103(4)	-	-	688,103(4)	7,338,937(4)
Totals	5,894,384	276,745	66,816	343,561	6,237,945	83,221	393,978	6,715,144	68,939,881
Revenue passengers carried "	426,824	8,667	2,741	11,408	438,232	57,003	23,107	518,342	4,842,455
Revenue goods carried:									
Cargo	8,749,076	621,363	205,312	826,675	9,575,751	698,575	1,455,944	11,828,816	98,316,602
Excess baggage	85,279(5)	3,975	9,292	13,267	98,546(5)	-	-	-	-
Mail	3,535,113	86,358	19,847	106,205	3,641,318	140,861	144,531	3,926,710	36,192,769
Totals	12,369,468	711,696	234,451	946,147	13,315,615	839,436	1,600,475	15,755,526	134,509,371
Revenue passenger-miles No.	308,728,549	1,218,224	169,074	1,387,298	310,115,847	2,381,094	20,208,757	332,705,698	3,283,523,557
Revenue goods ton-miles:									
Cargo	4,781,918	124,051	18,432	142,483	4,924,401	17,119	589,012	5,740,501	50,110,766
Excess baggage	208,881	683	405	1,088	209,969	-	-	-	-
Mail	1,428,612	24,695	1,084	25,779	1,454,391	2,908	69,675	1,526,974	14,744,544
Totals	6,419,411	149,429	19,921	169,350	6,588,761	20,027	658,687	7,267,475	64,855,310
Bulk:									
Revenue - Departure	2,712	6,974	11,578	18,552	21,264	..	..	..	..
Hours flown	3,194	8,205	8,098	16,303	19,497	2	118	19,617	230,118
Miles flown	597,235	609,434	822,952	1,432,386	2,029,621	416	42,804	2,072,841	24,753,574
Passengers carried ..	11,611	13,885	19,078	32,963	44,574	422	3,099	48,095	546,669
Freight carried .. lb.	1,368,903	3,818,699	2,819,721	6,638,420	8,007,323	-	50,176	8,057,499	102,576,868
Non-transportation services:									
Specialty flying:									
Revenue hours flown	242	1,463	5,290	6,753	6,995	-	-	6,995	74,824

See footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

October 1963

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers		Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers(3)
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles:(6)										
Revenue:										
Departures	20,457	9,149	12,428	21,577	42,034	..	..	..	..
Hours flown	25,260	11,909	14,228	26,137	51,397	342	8,787,985	52,885	572,081	
Miles flown	6,491,619	886,179	889,768	1,775,947	8,267,566	83,637	566,437	1,146	93,693,455	
Passengers carried	438,435	22,552	21,819	44,371	482,806	57,425	566,437	26,206	5,389,124	
Cargo carried	10,117,979	4,440,062	3,025,033	7,465,095	17,583,074	698,575(7)	19,886,315(7)	1,506,120(7)	200,893,470(7)	
Goods carried	13,738,371	4,530,395	3,054,172	7,584,567	21,322,938	839,436	23,813,025	1,650,651	237,086,239	
Non-revenue:										
Hours flown	526	498	501	999	1,525	1	1,526	-	19,513	
Passengers carried .....	..	78	2	80	..	978	..	436	..
Goods carried .....	..	44,143	1,600	45,743	..	15,553	..	62,664	..
Passenger-miles	19,226,675	40,281	420	40,701	19,267,376	38,438	19,613,898	308,084	181,014,759	
Goods ton-miles	506,087	28,709	180	28,889	534,976	505	556,366	20,885	5,829,921	
Fuel consumed:										
Turbo fuel - Quantity	15,222,725	-	9,032	9,032	15,231,757	151,234	18,131,380	2,748,389	188,149,405	
Cost	2,235,936	-	2,621	2,621	2,238,557	28,269	2,713,633	450,807	27,938,628	
Gasoline - Quantity	903,216	494,905	197,677	692,582	1,595,798	59,729	1,822,724	167,197	20,061,518	
Cost	300,821	198,513	90,954	289,467	590,288	13,575	650,136	46,273	7,092,193	
Oil consumed:										
Turbo aircraft - Quantity ..	5,252	-	1	1	5,253	2	5,336	81	48,401	
Cost	32,434	6,686	15	15	32,449	20	33,174	705	366,659	
Other aircraft - Quantity ..	13,933	7,027	2,813	9,499	23,432	516	24,687	739	249,059	
Cost	15,802	7,027	3,878	10,905	26,707	330	27,618	581	310,726	
Average number of employees:										
Flying personnel	2,096	391	267	658	2,754	..	..	..	..
Other personnel	13,364	725	479	1,204	14,568	..	..	..	..
Totals	15,460	1,116	746	1,862	17,322	217	18,265	726	18,523	
Salaries and wages paid:										
Flying personnel	1,724,852	264,467	155,572	420,039	2,144,891	..	..	..	..
Other personnel	6,518,120	318,098	185,461	503,559	7,021,679	..	..	..	..
Totals	8,242,972	582,565	341,033	923,598	9,166,570	110,711	9,604,522	327,241	94,320,443	

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled refers to the predominating service, as some carriers operate the two jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

October 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date	
	Group I	Group II(1)		Total	Group III(1)				Total
		dollars			dollars				
Operating revenues:									
Unit toll transportation:									
Passengers	18,427,789	916,498	19,344,287	214,120	33,089	247,209	19,591,496	193,847,508	
Express	358,800	53,401	412,201	11,001	1,997	12,998	425,199	3,797,557	
Freight	1,125,663	143,562	1,269,225	72,923	12,604	85,527	1,354,752	11,411,753	
Excess baggage	132,763	19,606	152,369	3,989	816	4,805	157,174	1,330,801	
Mail	1,141,657	100,644	1,242,301	35,942	4,702	40,644	1,282,945	12,669,606	
Total unit toll transportation ..	21,186,672	1,233,711	22,420,383	337,975	53,208	391,183	22,811,566	223,057,225	
Bulk transportation	631,327	454,664	1,085,991	985,450	568,509	1,553,959	2,639,950	33,855,365	
Total transportation	21,817,999	1,688,375	23,506,374	1,323,425	621,717	1,945,142	25,451,516	256,912,590	
Other flying services	8,266	21,751	30,017	151,181	160,737	311,918	341,935	4,424,862	
Total flying services	21,826,265	1,710,126	23,536,391	1,474,606	782,454	2,257,060	25,793,451	261,337,452	
Non-flying services	246,342	13,408	259,750	71,697	76,622	148,319	408,069	5,170,047	
Total operating revenues	22,072,607	1,723,534	23,796,141	1,546,303	859,076	2,405,379	26,201,520	266,507,499	
Operating expenses:									
Flying operations	4,854,902	626,127	5,481,029	640,416	360,327	1,000,743	6,481,772	67,896,275	
Maintenance	4,105,261	526,622	4,631,883	516,352	144,269	660,621	5,292,504	52,824,936	
General services and administration:									
Passenger service	1,528,428	45,047	1,573,475	**	**	**	**	**	
Aircraft and traffic servicing	3,036,754	249,627	3,286,381	**	**	**	**	**	
Promotion and sales	3,406,175	139,905	3,546,080	**	**	**	**	**	
General administration	881,237	102,467	983,704	**	**	**	**	**	
Totals	8,852,594	537,046	9,389,640	289,857	154,858	444,715	9,834,355	96,554,776	
Depreciation and amortization	2,394,241	151,213	2,545,454	221,791	122,879	344,670	2,890,124	27,453,867	
Total operating expenses	20,206,998	1,841,008	22,048,006	1,668,416	782,333	2,450,749	24,498,755	244,729,854	
Operating income (loss)	1,865,609	Dr.	1,748,135	Dr.	76,743	Dr.	1,702,765	21,777,645	
Non-operating income - Net:									
Capital gains and losses	120,402	7,494	127,896	17,194	9,526	Dr.	120,228	781,399	
Interest and discounts	141,566	436	142,002	15,625	5,519	Dr.	131,896	1,147,996	
Miscellaneous non-operating income ..	Dr.	338	5,559	Dr.	1,266	Dr.	6,123	97,470	
Income before interest expense ..2.....	2,121,680	Dr.	2,012,474	Dr.	93,054	Dr.	1,948,766	23,804,510	
Interest expense	968,997	63,213	1,032,210	35,213	11,975	47,188	1,079,398	10,714,406	
Income before income taxes	1,152,683	Dr.	980,264	Dr.	81,079	Dr.	869,368	13,090,104	
Provision for income taxes	-	-	-	Cr.	34,823	4,761	4,761	471,734	
Net income after income taxes	1,152,683	Dr.	980,264	Dr.	46,256	Dr.	864,607	12,618,370	
1) Group II non-scheduled carriers included with Group III for purposes of this report.									

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

October 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,801,339	187,821	279,601	266,185	182,891	14,626,450	19,344,287	190,364,738
Express	17,298	2,147	11,810	37,002	2,442	341,502	412,201	3,682,675
Freight	288,273	58,043	65,682	-	19,837	837,390	1,269,225	10,456,539
Excess baggage	36,972	3,991	8,052	5,598	1,965	95,791	152,369	1,255,510
Mail	234,733	27,031	45,802	3,693	24,118	906,924	1,242,301	11,899,515
Total unit toll transportation ..	4,378,615	279,033	410,947	312,478	231,253	16,808,057	22,420,283	217,656,977
Bulk transportation	185,294	118,098	123,673	4,504	208,389	446,033	1,085,991	13,857,992
Total transportation	4,563,909	397,131	534,620	316,982	439,642	17,254,090	23,506,274	231,514,969
Other flying services	-	21,458	-	-	293	8,266	30,017	87,698
Total flying services	4,563,909	418,589	534,620	316,982	439,935	17,262,356	23,536,291	231,602,667
Non-flying services	66,987	6,258	521	4,077	2,552	179,355	259,750	3,129,799
Total operating revenues	4,630,896	424,847	535,141	321,059	442,487	17,441,711	23,796,141	234,732,466
Operating expenses:								
Flying operations	1,630,809	164,912	190,907	90,629	179,679	3,224,093	5,481,029	56,009,745
Maintenance	548,388	144,717	130,618	79,663	171,624	3,556,873	4,631,883	44,827,705
General services and administrations:								
Passenger service	395,328	8,355	11,747	7,284	17,661	1,133,100	1,573,475	16,128,451
Aircraft and traffic servicing	520,837	77,325	119,111	27,742	25,449	2,515,917	3,286,381	31,234,049
Promotion and sales	909,130	21,248	25,105	22,440	41,112	2,497,045	3,546,080	34,460,943
General administration	206,471	23,647	30,966	26,602	21,252	674,766	983,704	9,436,734
Totals	2,031,766	130,575	186,929	114,068	105,474	6,820,828	9,389,640	91,260,177
Depreciation and amortization	199,146	62,457	33,380	32,265	23,111	2,195,095	2,545,454	24,533,633
Total operating expenses	4,410,109	502,661	541,834	316,625	479,888	15,796,889	22,048,006	216,631,260
Operating income (loss)	220,787	77,814	6,693	4,434	37,401	1,644,822	1,748,135	18,101,206
Non-operating income - Net:								
Capital gains and losses	143,402	-	7,376	118	-	23,000	127,896	309,732
Interest and discounts	62,889	-	-	38	398	78,677	142,002	1,110,466
Miscellaneous non-operating income ..	Dr.	14	414	133	223	663	Dr.	41,581
Income before interest expense	421,844	77,800	1,097	4,723	37,226	1,699,836	2,012,474	19,562,985
Interest expense	-	30,544	11,015	14,090	7,564	968,997	1,032,210	10,135,936
Income before income taxes	421,844	108,344	9,918	9,367	44,790	730,839	980,264	9,427,049
Provision for income taxes	-	-	-	-	-	-	-	155,145
Net income after income taxes	421,844	108,344	9,918	9,367	44,790	730,839	980,264	9,271,904

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

October 1963

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	
Transportation services:								
Unit toll:								
Revenue departures	1,836	11,379	13,215	982	1,218	1,097	1,233	17,745
Revenue hours flown	3,473	14,221	17,694	770	1,300	787	1,273	21,824
Revenue miles scheduled	1,194,687	3,885,995	5,080,682	27,983(5)	170,590	79,725	77,768	5,436,748(5)
Revenue miles flown:								
Scheduled services - Regular	1,158,756	3,858,671	5,017,427	25,278(5)	169,333	79,525	75,688	5,367,251(5)
Extra section	5,556	152,652	158,208	12(5)	5,297	4,929	14,145	182,591(5)
Non-scheduled services	53,052	-	53,052	115,417(5)	23,490	62,920	89,663	344,542(5)
Totals	1,217,364	4,011,323	5,228,687	140,707	198,120	147,374	179,496	5,894,384
Ratio of regular miles flown to miles scheduled	97.0	99.3	98.8	90.3(5)	99.3	99.7	97.3	98.7(5)
Revenue passengers carried	39,618	349,846	389,464	8,024	13,255	9,695	6,386	426,824
Revenue goods carried:								
Express	78,818	1,058,029	1,136,847	7,001	40,173	174,212	14,954	1,373,187
Freight	790,029	5,327,482	6,117,511	588,414	553,257	-	116,707	7,375,889
Excess baggage	"	"	"	17,665	24,629	32,527	10,458	85,279(2)
Mail	"	"	"	157,214	181,613	30,176	104,079	3,535,113
Totals	1,081,671	9,234,718	10,316,389	770,294	799,672	236,915	246,198	12,369,468
Revenue passenger-miles:								
Scheduled services	63,587,481	233,470,275	297,057,756	322,203(5)	3,164,200	1,716,475	1,631,544	303,892,178(5)
Non-scheduled services	1,316,475	-	1,316,475	1,637,151(5)	95,170	1,355,836	431,739	3,519,896(5)
Totals	64,903,956	233,470,275	298,374,231	1,959,354	3,259,370	3,072,311	2,063,283	308,728,549
Available seat-miles on scheduled services	139,381,643	374,839,730	514,221,373	923,619(5)	7,369,184	2,883,776	3,876,744	529,274,696(5)
Passenger load factor on scheduled services	45.6	62.3	57.8	34.9(5)	42.9	59.5	42.1	57.4(5)
Revenue goods ton-miles:								
Express - Scheduled services	19,659	371,204	390,863	- (5)	10,159	23,048	3,280	427,350(5)
Non-scheduled services	1,101	-	1,101	1,670(5)	-	14,675	264	17,710(5)
Totals	20,760	371,204	391,964	1,670	10,159	37,723	3,544	445,060
Freight - Scheduled services	1,016,287	3,098,559	4,114,846	1,258(5)	138,507	-	16,137	4,270,748(5)
Non-scheduled services	2,595	-	2,595	55,883(5)	2,049	-	5,583	66,110(5)
Totals	1,018,882	3,098,559	4,117,441	57,141	140,556	-	21,720	4,336,858

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

October 1963

- 11 -

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)
Transportation services - Concluded:								
Unit toll - Concluded:								
Revenue goods ton-miles - Concluded:								
Excess baggage - Scheduled services	40,176	152,191	192,367	267(5)	4,608	2,949	1,815	9,639(5)
Non-scheduled services	123	-	123					
Totals	40,299	152,191	192,490	3,442(5)	69	2,974	267	6,752(5)
Mail - Scheduled services	198,123	1,145,179	1,343,302	3,709	4,677	5,923	2,082	16,391
Non-scheduled services	4,175	-	4,175	4,605(5)	43,616	787	5,097	54,105(5)
Totals	202,298	1,145,179	1,347,477	17,407(5)	175	1,511	7,937	27,030(5)
Total - Scheduled services	1,274,245	4,767,133	6,041,378	22,012	43,791	2,298	13,034	81,135
Non-scheduled services	7,994	-	7,994	6,130(5)	196,890	26,784	26,329	256,134(5)
Totals	1,282,239	4,767,133	6,049,372	78,402(5)	2,293	19,160	14,051	113,906(5)
Available ton-miles on scheduled services	18,378,941	52,018,333	70,397,274	93,301(5)	1,017,850	287,374	255,753	1,654,278(5)
Weight load factor on scheduled services(3)	41.5	54.0	50.8	41.0(5)	50.4	69.1	74.1	56.8(5)
Bulk:								
Revenue - Departures	42	107	149	1,100	1,156	15	292	2,563
Hours flown	241	395	636	915	960	26	657	2,558
Miles flown	85,946	180,507	266,453	97,510	116,029	4,160	113,083	330,782
Passengers carried	1,628	4,934	6,562	2,289	1,748	62	950	5,049
Freight carried	-	-	-	141,918	497,630	5,121	724,234	1,368,903
Non-transportation services:								
Specialty flying:								
Revenue hours flown	-	24	24	215	-	-	3	218
Total - All services:								
Traffic, hours and miles:(4)								
Revenue:								
Departures	1,878	11,486	13,364	2,082	2,374	1,112	1,525	7,093
Hours flown	3,714	14,640	18,354	1,900	2,260	813	1,933	6,906
Miles flown	1,303,310	4,191,830	5,495,140	238,217	314,149	151,534	292,579	996,479
Passengers carried	41,246	354,780	396,026	10,313	15,003	9,757	7,336	42,409
Cargo carried	868,847	6,385,511	7,254,358	737,333	1,091,060	179,333	855,895	2,863,621
Goods carried	1,081,671	9,234,718	10,316,389	912,212	1,297,302	242,036	970,432	3,421,982

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded
October 1963

	Group I carriers			Group II carriers				Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways(1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	
Total - All services - Concluded:								
Traffic, hours and miles (4) - Concluded:								
Non-revenue:								
Hours flown	93	143	236	118	96	32	44	526
Passengers carried	1,641	..	..	363	359	139	169	1,030
Goods carried	131,670	..	..	17,798	31,703	..	21,702	71,203
Passenger-miles	3,520,808	15,341,599	18,862,407	129,357	115,406	42,939	76,566	19,226,675
Goods ton-miles	172,894	313,950	486,844	4,294	9,192	..	5,757	506,087
Fuel consumed:								
Turbo fuel - Quantity	3,432,190	11,514,077	14,946,267	94,400	..	121,614	60,444	15,222,725
Cost	612,462	1,551,548	2,164,010	22,656	..	35,292	13,978	2,235,936
Gasoline - Quantity	373,345	..	373,345	83,084	236,064	13,110	197,613	529,871
Cost	104,703	..	104,703	30,669	85,553	6,927	72,969	903,216
Oil consumed:								
Turbo aircraft - Quantity ..	455	3,162	3,617	1,452	..	183	..	5,252
Cost	3,150	26,666	29,816	1,815	..	803	..	32,434
Other aircraft - Quantity ..	4,518	..	4,518	1,259	2,513	..	5,182	461
Cost	5,098	..	5,098	1,574	3,141	807	5,182	13,933
Average number of employees:								
Flying personnel	480	1,340	1,820	71	81	39	85	2,096
Other personnel	2,128	10,093	12,221	304	323	232	284	13,364
Totals	2,608	11,433	14,041	375	404	271	369	15,460
Salaries and wages paid:								
Flying personnel	406,496	1,116,953	1,523,449	50,911	70,380	24,588	55,524	1,724,852
Other personnel	949,498	5,091,169	6,040,667	121,553	152,004	96,463	107,433	6,518,120
Totals	1,355,994	6,208,122	7,564,116	172,464	222,384	121,051	162,957	8,242,972

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

(5) Estimated.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

October 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways(1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	32,134	6,583	12,553	9,695	5,707	294,655	361,327
Domestic interline	3,248	1,343	-	-	-	55,191	63,821
Foreign interline	4,039	-	-	-	-	-	-
Totals(2)	39,421	7,926	12,553	9,695	5,707	349,846	425,148
Revenue express carried:							
Originated	78,818	7,001	40,173	174,212	14,954	1,058,029	1,373,187
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	78,818	7,001	40,173	174,212	14,954	1,058,029	1,373,187
Revenue freight carried:							
Originated	669,432	588,241	533,453	-	61,795	5,327,482	7,180,403
Domestic interline	11,378	-	-	-	-	-	11,378
Foreign interline	40,697	-	-	-	-	-	40,697
Totals(2)	721,507	588,241	533,453	-	61,795	5,327,482	7,232,478
Revenue excess baggage carried:							
Originated .....	..	17,568	23,538	32,527	9,017	..	82,650(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	17,568	23,538	32,527	9,017	..	82,650(3)
Revenue mail carried:							
Originated	212,824	157,078	179,873	30,176	32,011	2,849,207	3,461,169
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	212,824	157,078	179,873	30,176	32,011	2,849,207	3,461,169

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

October 1963

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,852	454	280	98	2,684	10,531	13,215
Revenue hours flown	2,569	1,744	712	597	5,622	12,072	17,694
Revenue miles scheduled	558,959	815,453	333,404	266,196	1,974,012	3,106,670	5,080,682
Revenue miles flown:							
Scheduled services - Regular	557,152	780,009	332,270	266,196	1,935,627	3,081,800	5,017,427
Extra sections	42,743	12,240	1,048	-	56,031	102,177	158,208
Non-scheduled services	-	-	-	-	-	53,052	53,052
Totals	599,895	792,249	333,318	266,196	1,991,658	3,237,029	5,228,687
Ratio of regular miles flown to miles scheduled	99.7	95.7	99.7	100.0	98.1	99.2	98.8
Revenue passengers carried .....	...	...	...	...	123,556	265,908	389,464
Revenue cargo carried .....	...	...	...	...	3,080,463	4,173,895	7,254,358
Revenue mail carried .....	...	...	...	...	382,849	2,679,182	3,062,031
Revenue passenger-miles	33,457,796	58,141,150	16,384,036	15,182,115	123,165,097	175,209,134	298,374,231
Available seat-miles on scheduled services	50,124,053	104,303,136	44,959,102	33,655,403	233,041,694	281,179,679	514,221,373
Passenger load factor on scheduled services ...	66.7	55.7	36.4	45.1	52.9	61.8	57.8
Revenue goods ton-miles:							
Express	62,154	-	-	-	62,154	329,810	391,964
Freight	294,357	1,003,176	282,518	373,348	1,953,399	2,164,042	4,117,441
Excess baggage	16,610	29,437	21,540	9,868	77,455	115,035	192,490
Mail	40,609	168,036	54,848	96,571	360,064	987,413	1,347,477
Totals	413,730	1,200,649	358,906	479,787	2,453,072	3,596,300	6,049,372
Available ton-miles on scheduled services	6,251,203	15,139,131	6,187,721	4,414,711	31,992,766	38,404,508	70,397,274
Weight load factor on scheduled services(1) ...	60.1	46.3	32.3	45.3	46.2	54.6	50.8

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

	October 1963		
	Month		Year to date
	Revenue hours No.	Revenue hours \$	
Flying training	3,434	59,416	32,009
Recreational flying	1,259	27,201	11,341
Aerial photography and survey	416	75,101	3,941
Aerial photography (excluding survey)	88	7,489	1,494
Aerial pest control	18	2,700	2,500
Aerial advertising	3	225	69
Aerial patrol and inspection	1,005	62,046	12,459
Aircraft rental	13	229	373
Aerial fish cultivation	3	295	3
Geophysical survey	541	79,069	7,999
Non-transportation charter	118	20,683	1,169
Other specialty flying	97	4,385	1,467
Total specialty flying	6,995	338,839	74,824
			4,426,486

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

October 1963

	Month	Year to date
Revenue hours flown	3,777	46,012
Average number of aircraft	121	116
Average number of employees:		
Flying personnel	159	157
Other personnel	89	104
Totals	248	261
Salaries and wages paid:		
Flying personnel	105,878	1,084,452
Other personnel	52,696	572,258
Totals	158,574	1,656,710
Operating revenues:		
Bulk transportation	432,262	4,621,659
Other flying services	28,871	496,973
Non-flying services	23,131	142,134
Totals	484,264	5,260,766
Operating expenses:		
Flying operations	193,180	1,919,377
Maintenance	171,077	1,540,153
General services and administration	44,598	464,508
Depreciation and amortization	93,709	606,985
Totals	502,564	4,531,023
Operating income (loss)	Dr. 18,300	729,743
Net income (deficit) after income taxes	Dr. 38,281	818,326

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

October 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	80,981	76,024	157,005	14,936	19,430	34,366
Bulk transportation "	195	391	586	2,025	4,773	6,798
Totals "	81,176	76,415	157,591	16,961	24,203	41,164
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	500,735	2,266,299	2,767,034	528,443	1,446,019	1,974,462
Bulk transportation "	-	-	-	50,176	-	50,176
Totals "	500,735	2,266,299	2,767,034	578,619	1,446,019	2,024,638
Mail carried (unit toll transportation) "	125,681	239,852	365,533	109,922	125,978	235,900
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,598	4,008	8,606	100,515	99,462	199,977
Bulk transportation "	516	651	1,167	2,736	5,815	8,551
Totals "	5,114	4,659	9,773	103,251	105,277	208,528
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	169,740	101,994	271,734	1,198,918	3,814,312	5,013,230
Bulk transportation "	-	-	-	50,176	-	50,176
Totals "	169,740	101,994	271,734	1,249,094	3,814,312	5,063,406
Mail carried (unit toll transportation) "	15,776	21,362	37,138	251,379	387,192	638,571
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	59,508	60,359	119,867	41,007	39,103	80,110
Bulk transportation "	1,749	3,427	5,176	987	2,388	3,375
Totals "	61,257	63,786	125,043	41,994	41,491	83,485
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	725,012	2,133,699	2,858,711	473,906	1,680,613	2,154,519
Bulk transportation "	-	-	-	50,176	-	50,176
Totals "	725,012	2,133,699	2,858,711	524,082	1,680,613	2,204,695
Mail carried (unit toll transportation) "	162,430	190,749	353,179	88,949	196,443	285,392

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(1) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(11) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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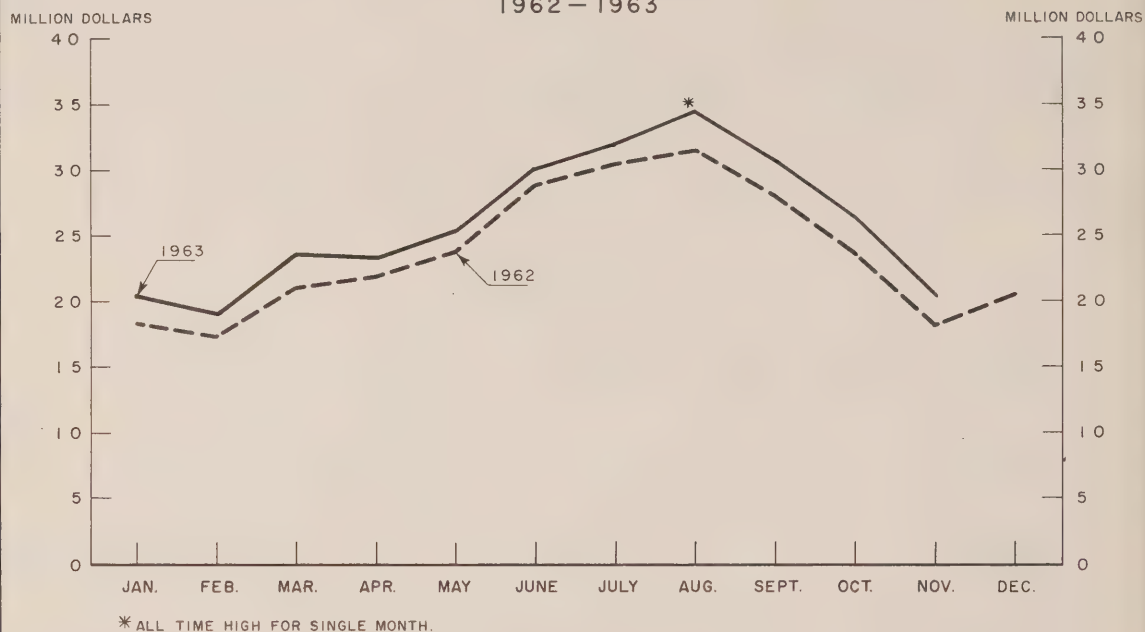
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- .. Figures are not available
- ... Figures not appropriate or not applicable.
- Nil or Zero.

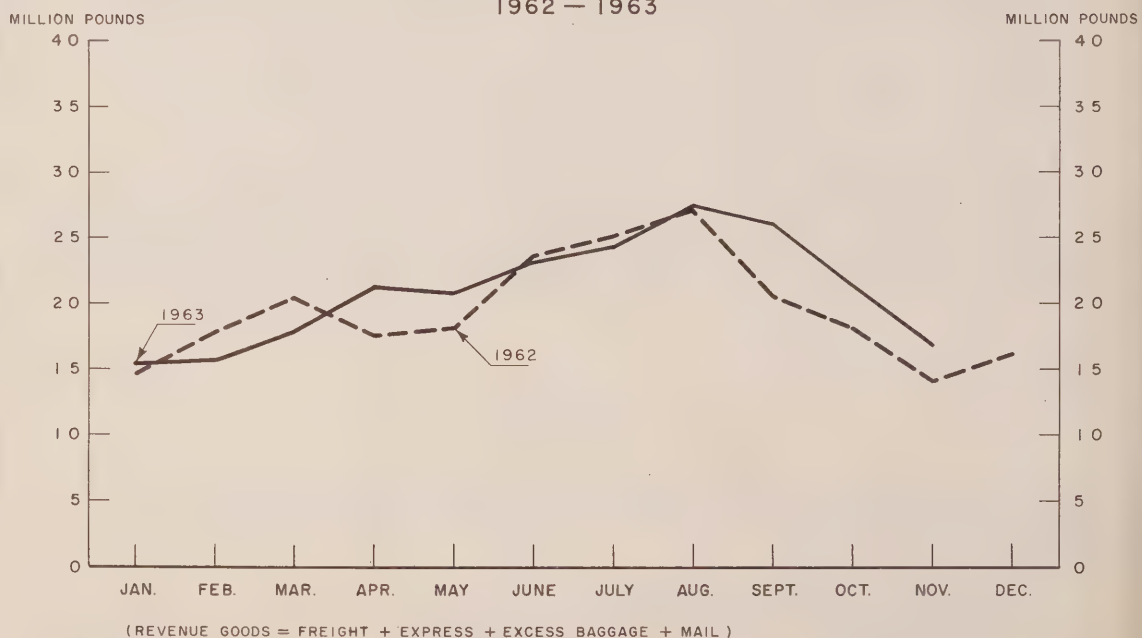
OPERATING REVENUE OF CANADIAN AIR CARRIERS

1962 - 1963



REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1962 - 1963



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. which is classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of November Operations

Increases were reported in the transportation of both revenue passengers and goods by Canadian air carriers during the month of November, compared with November 1962. Passengers carried totalled 384,535 an increase of 9.2 per cent and goods transported rose to 8,461 tons, an increase of 19.5 per cent. The revenue miles flown were up 2.8 per cent to 6,356,374.

November operating revenues showed a 13.2 per cent increase over November 1962 to \$20,530,916 while operating expenses rose 4.2 per cent to \$22,421,987. Thus an operating loss of \$1,891,071 was reported. This compares with a loss of \$3,385,351 for the same month the previous year. A net deficit after provision for income taxes of \$2,679,583 was reported as against a deficit of \$4,388,039 in November 1962.

Revenue hours flown by helicopters dropped 1.9 per cent to 982. However, the operating revenues rose 10.4 per cent to \$135,947 while the operating expenses declined 4.9 per cent to \$125,821.

In November the six scheduled carriers transported 362,655 revenue passengers 94.3 per cent of all passengers carried by Canadian services. They also carried 6,466 tons of revenue goods which is 76.4 per cent of the total carried. Operating revenues amounted to \$19,222,000 or 93.6 per cent of all Canadian revenues and operating expenses to \$20,701,579 or 92.3 per cent of the total. Comparable figures in November 1962 are, passengers 93.3 per cent, goods 77.8 per cent, revenues 92.5 per cent and expenses 90.6 per cent.

The Cumulative View

The eleven months of 1963 compared to the same period in 1962 showed the revenue passengers carried increased 12.5 per cent to 5,516,064, while revenue goods rose 1.9 per cent to 114,207 tons. Operating revenues increased 9.0 per cent to \$287,456,413 while operating expenses increased 5.2 per cent to \$267,492,867.

Foreign Carriers

Foreign carriers licensed to operate in Canada transported 58,293 revenue passengers during November, an increase of 11.2 per cent over November 1962, while revenue goods carried totalled 1,002 tons, an increase of 3.6 per cent. Foreign carriers licensed to operate in Canada are required to report hours and miles flown over Canadian territory only. Details of passengers in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

November 1963

	Canadian carriers				Foreign carriers(2)			Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	19	61	80	86	10	9	105	..
Transportation services:									
Unit toll:									
Revenue departures	15,715	1,406	622	2,028	17,743	..	..	..	..
Revenue hours flown	19,522	1,588	283	1,871	21,393	316	776	22,485	289,659
Revenue miles scheduled	4,865,114(4)	...	...	...	4,865,114(4)	81,187	311,722	5,258,023(4)	65,790,227(4)
Revenue miles flown:									
Scheduled services	4,934,546(4)	...	...	...	4,934,546(4)	77,805	303,530	5,315,881(4)	66,916,825(4)
Non-scheduled services ...	256,157(4)	202,337	33,533	235,870	492,027(4)	-	-	492,027(4)	7,836,260(4)
Totals	5,190,703	202,337	33,533	235,870	5,426,573	77,805	303,530	5,807,908	74,752,535
Revenue passengers carried	357,235	6,114	2,314	8,428	365,663	43,626	14,078	423,367	5,265,839
Revenue goods carried:									
Cargo	8,142,908	492,455	62,959	555,414	8,698,322	622,929	1,380,801	10,785,107	109,114,038
Excess baggage	73,180(5)	4,133	5,742	9,875	83,055(5)	134,409	122,764	3,733,030	39,929,669
Mail	3,406,262	52,178	17,417	69,595	3,475,857	757,338	1,503,565	14,518,137	149,043,707
Totals	11,622,350	548,766	86,118	634,884	12,257,234	1,822,401	12,136,956	261,852,746	3,545,822,204
Revenue passenger-miles	246,555,374	1,219,494	108,521	1,328,015	247,883,389				
Revenue goods ton-miles:									
Cargo	4,792,839	164,972	2,620	167,592	4,960,431	13,961	542,935	5,730,833	56,236,397
Excess baggage	211,310	2,091	105	2,196	213,506	3,071	56,748	1,592,231	16,330,553
Mail	1,514,318	17,148	946	18,094	1,532,412	17,032	599,683	7,323,064	72,566,950
Totals	6,518,467	184,211	3,671	187,882	6,706,349				
Bulk:									
Revenue - Departure	1,581	2,583	5,202	7,785	9,366	..	..	..	..
Hours flown	1,919	3,111	3,065	6,176	8,095	-	27	8,122	240,656
Miles flown	292,471	315,671	321,659	637,330	929,801	-	10,580	940,381	25,941,666
Passengers carried	5,420	8,249	13,452	18,872	18,872	-	589	19,461	570,881
Freight carried .. lb.	1,310,042	2,393,671	960,753	3,354,424	4,664,466	-	-	4,664,466	109,334,577
Non-transportation services:									
Specialty flying:									
Revenue hours flown	229	1,035	2,737	3,772	4,001	-	-	4,001	79,119

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

November 1963

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Total - All services:									
Traffic, hours and miles: (6)									
Revenue:									
Departures	17,296	3,989	5,824	9,813	27,109	316	803	34,608	609,434
Hours flown	21,670	5,734	6,085	11,819	33,489	77,805	314,110	6,748,289	100,694,201
Miles flown	5,483,174	518,008	355,192	873,200	6,356,374	43,626	14,667	442,828	5,836,720
Passengers carried	362,655	11,317	10,563	21,880	384,535	622,929(7)	1,380,801(7)	15,449,573(7)	218,448,615(7)
Cargo carried	9,452,950	2,886,126	1,023,712	3,909,838	13,362,788	757,338	1,503,565	19,182,603	258,378,284
Goods carried	12,932,392	2,942,437	1,046,871	3,989,308	16,921,700				
Non-revenue:									
Hours flown	609	827	292	1,119	1,728	2	-	1,730	21,243
Passengers carried .....	..	81	-	81	..	957	321	..	..
Goods carried .....	..	31,332	-	31,332	..	11,694	54,410	..	..
Passenger-miles	14,660,021	99,680	-	99,680	14,759,701	38,463	207,508	15,005,672	181,172,040
Goods ton-miles	445,148	17,743	-	17,743	462,891	517	16,164	479,572	6,309,493
Fuel consumed:									
Turbo fuel - Quantity	12,892,063	-	7,942	7,942	12,900,005	152,845	2,154,713	15,207,563	203,386,649
Cost	1,897,055	-	2,888	2,888	1,899,943	23,418	343,588	2,266,949	30,210,177
Gasoline - Quantity	821,138	313,770	88,830	402,600	1,223,738	98,872	130,324	1,452,934	21,689,774
Cost	279,122	145,319	37,693	183,012	462,134	25,461	35,945	523,540	7,688,155
Oil consumed:									
Turbo aircraft - Quantity ..	5,919	-	2	2	5,921	4	63	5,988	54,389
Cost	32,177	-	30	30	32,207	24	563	32,794	399,453
Other aircraft - Quantity ..	9,044	3,476	1,069	4,545	13,589	1,050	531	15,170	266,496
Cost	9,337	5,412	1,610	7,022	16,359	809	403	17,571	331,663
Average number of employees:									
Flying personnel	2,066	352	243	595	2,661	..	..	..	..
Other personnel	13,331	687	462	1,149	14,480	..	..	..	..
Totals	15,397	1,039	705	1,744	17,141	219	719	18,079	18,500
Salaries and wages paid:									
Flying personnel	1,643,328	230,179	119,025	349,204	1,992,532	..	..	..	..
Other personnel	6,290,518	302,549	174,136	476,685	6,767,203	..	..	..	..
Totals	7,933,846	532,728	293,161	825,889	8,759,735	119,491	335,356	9,214,582	103,647,779

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled refers to the predominating services as some carriers operate the two jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

November 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Non-scheduled carriers				
				Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	14,638,178	749,463	15,387,641	150,291	22,422	172,713	15,560,354	209,408,180
Express	328,858	44,917	373,775	6,222	3,393	9,615	383,390	4,180,947
Freight	1,088,751	140,535	1,229,286	66,767	1,438	68,205	1,297,491	12,712,229
Excess baggage	94,707	17,090	111,797	3,979	656	4,635	116,432	1,447,233
Mail	1,155,343	106,703	1,262,046	24,024	3,912	27,936	1,289,982	13,961,746
Total unit toll transportation ..	17,305,837	1,058,708	18,364,545	251,283	31,821	283,104	18,647,649	241,710,335
Bulk transportation	168,967	353,461	522,428	401,851	268,836	670,687	1,193,115	35,442,835
Total transportation	17,474,804	1,412,169	18,886,973	653,134	300,657	953,791	19,840,764	277,153,170
Other flying services	2,054	23,898	25,952	181,330	76,849	258,179	284,131	4,723,085
Total flying services	17,476,858	1,436,067	18,912,925	834,464	377,506	1,211,970	20,124,895	281,876,255
Non-flying services	282,244	26,831	309,075	23,006	73,940	96,946	406,021	5,580,158
Total operating revenues	17,759,102	1,462,898	19,222,000	857,470	451,446	1,308,916	20,530,916	287,456,413
Operating expenses:								
Flying operations	4,365,714	539,870	4,905,584	492,197	229,885	722,082	5,627,666	73,719,397
Maintenance	3,957,009	486,897	4,443,906	158,998	196,199	355,197	4,799,103	57,635,448
General services and administration:								
Passenger service	1,347,745	44,927	1,392,672	..	..	..	..	..
Aircraft and traffic servicing ..	2,944,262	248,181	3,192,443	..	..	..	..	..
Promotion and sales	3,081,835	121,599	3,203,434	..	..	..	..	..
General administration	938,671	103,519	1,042,190	..	..	..	..	..
Totals	8,312,513	518,226	8,830,739	317,728	148,329	466,057	9,296,796	105,953,886
Depreciation and amortization ..	2,392,759	128,591	2,521,350	150,083	26,989	177,072	2,698,422	30,184,136
Total operating expenses	19,027,995	1,673,584	20,701,579	1,119,006	601,402	1,720,408	22,421,987	267,492,867
Operating income (loss)	Dr. 1,268,893	Dr. 210,686	Dr. 1,479,579	Dr. 261,536	Dr. 149,956	Dr. 411,492	Dr. 1,891,071	19,963,546
Non-operating income - Net:								
Capital gains and losses	17,077	70,395	87,472	Dr. 30,234	Dr. 1,517	Dr. 31,751	55,721	841,132
Interest and discounts	146,822	43	146,779	1,422	2,050	3,472	150,251	1,298,247
Miscellaneous non-operating income ..	18,115	2,374	20,489	Dr. 8,200	Dr. 2,339	Dr. 5,861	14,628	114,322
Income before interest expense	Dr. 1,086,879	Dr. 137,960	Dr. 1,224,839	Dr. 298,548	Dr. 147,084	Dr. 445,632	Dr. 1,670,471	22,217,247
Interest expense	937,993	60,633	998,626	10,248	10,774	21,022	1,019,648	11,740,769
Income before income taxes	Dr. 2,024,872	Dr. 198,593	Dr. 2,223,465	Dr. 308,796	Dr. 157,858	Dr. 466,654	Dr. 2,690,119	10,476,478
Provision for income taxes	-	-	-	Cr. 2,870	Cr. 7,666	Cr. 10,536	Cr. 10,536	461,198
Net income after income taxes	Dr. 2,024,872	Dr. 198,593	Dr. 2,223,465	Dr. 305,926	Dr. 150,192	Dr. 456,118	Dr. 2,679,583	10,015,280

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

November 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways(1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,238,410	152,439	239,022	229,463	128,539	11,399,768	15,387,641	205,752,379
Express	15,742	879	11,042	31,185	1,811	313,116	373,775	4,056,450
Freight	292,343	52,680	67,821	-	20,034	796,408	1,229,286	11,683,825
Excess baggage	33,156	3,220	6,269	6,612	989	61,551	111,797	1,367,307
Mail	240,033	33,492	44,591	4,096	24,524	915,310	1,262,046	13,161,361
Total unit toll transportation ..	3,819,684	242,710	368,745	271,356	175,897	13,486,153	18,364,545	236,021,522
Bulk transportation	73,613	94,967	108,106	1,178	149,210	95,354	522,428	14,380,420
Total transportation	3,893,297	337,677	476,851	272,534	325,107	13,581,507	18,886,973	250,401,942
Other flying services	-	23,898	476,851	-	325,107	2,054	25,952	113,650
Total flying services	3,893,297	361,575	476,851	272,534	325,107	13,583,561	18,912,925	250,515,592
Non-flying services	71,268	18,380	1,987	4,448	2,016	210,976	309,075	3,438,874
Total operating revenues	3,964,565	379,955	478,838	276,982	327,123	13,794,537	19,222,000	253,954,466
Operating expenses:								
Flying operations	1,451,737	150,305	192,424	57,433	139,708	2,913,977	4,905,584	60,915,329
Maintenance	817,403	146,195	127,735	70,911	142,056	3,139,606	4,443,906	49,271,611
General services and administrations:								
Passenger service	350,607	6,759	14,098	5,053	19,017	997,138	1,392,672	17,521,123
Aircraft and traffic servicing	514,662	84,909	112,795	26,917	23,560	2,429,600	3,192,443	34,426,492
Promotion and sales	820,007	9,883	16,476	49,693	45,547	2,261,828	3,203,434	37,664,377
General administration	196,229	22,688	31,317	28,329	21,185	742,442	1,042,190	10,478,924
Totals	1,881,505	124,239	174,686	109,992	109,309	6,431,008	8,830,739	100,090,916
Depreciation and amortization	200,617	35,709	32,837	32,104	27,941	2,192,142	2,521,350	27,054,983
Total operating expenses	4,351,262	456,448	527,682	270,440	419,014	14,675,733	20,701,579	237,332,839
Operating income (loss)	Dr. 386,697	Dr. 76,493	Dr. 48,844	Dr. 6,542	Dr. 91,891	Dr. 882,196	Dr. 1,479,579	16,621,627
Non-operating income - Net:								
Capital gains and losses	46,449	-	999	71,394	-	29,372	87,472	397,204
Interest and discounts	63,109	-	-	69	112	83,713	146,779	1,257,245
Miscellaneous non-operating income ..	12,025	4,345	1,499	249	721	6,090	20,489	62,070
Income before interest expense	Dr. 265,114	Dr. 72,148	Dr. 51,342	Dr. 78,254	Dr. 92,724	Dr. 821,765	Dr. 1,224,839	18,338,146
Interest expense	-	29,589	10,945	12,915	7,184	937,993	998,626	11,134,562
Income before income taxes	Dr. 265,114	Dr. 101,737	Dr. 62,287	Dr. 65,339	Dr. 99,908	Dr. 1,759,758	Dr. 2,223,465	7,203,584
Provision for income taxes	-	-	-	-	-	-	-	155,145
Net income after income taxes	Dr. 265,114	Dr. 101,737	Dr. 62,287	Dr. 65,339	Dr. 99,908	Dr. 1,759,758	Dr. 2,223,465	7,048,439

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

November 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures No.	1,717	10,092	11,809	867	1,145	944	950	3,906	15,715
Revenue hours flown	3,278	12,611	15,889	664	1,276	688	1,005	3,633	19,522
Revenue miles scheduled	1,078,868	3,423,756	4,502,624	24,718	172,076	72,196	93,500	362,490	4,865,114
Revenue miles flown:									
Scheduled services - Regular	1,072,504	3,350,341	4,422,845	23,642	153,213	65,918	91,020	333,793	4,756,638
Extra section	1,002	147,097	148,099	-	16,465	2,687	10,657	29,809	177,908
Non-scheduled services	45,024	3,497,438	45,024	97,260	19,900	49,987	143,886	211,133	256,157
Totals	1,118,530	6,969,816	8,084,869	120,902	189,578	118,592	245,563	574,735	5,190,703
Ratio of regular miles flown to miles scheduled	99.4	97.9	98.2	95.6	89.0	91.3	97.3	92.1	97.8
Revenue passengers carried No.	33,907	283,604	327,511	5,349	11,603	8,095	4,677	29,724	357,235
Revenue goods carried:									
Express	757,482	923,077	1,680,559	3,495	36,930	156,409	12,974	209,808	1,890,367
Freight	66,933	5,057,243	5,124,176	447,421	578,932	-	102,012	1,128,365	6,252,541
Excess baggage	"	"	"	14,292	17,012	35,805	6,071	73,180	73,180(2)
Mail	210,434	2,755,873	2,966,327	147,597	177,545	32,318	82,475	439,935	3,406,262
Totals	1,034,869	8,736,193	9,771,062	612,805	810,419	224,532	203,532	1,851,288	11,622,350
Revenue passenger-miles:									
Scheduled services	55,181,377	182,214,540	237,395,917	284,176	2,704,980	1,362,463	1,298,840	5,650,459	243,046,376
Non-scheduled services	922,937	540	922,937	1,343,084	69,774	987,938	185,265	2,586,061	3,508,998
Totals	56,104,314	182,214,540	238,318,854	1,627,260	2,774,754	2,350,401	1,484,105	8,236,520	246,555,374
Available seat-miles on scheduled services	125,594,665	317,140,835	442,735,500	1,126,116	6,584,925	2,434,516	3,241,487	13,387,044	456,122,544
Passenger load factor on scheduled services	43.9	57.5	53.6	25.2	41.1	55.9	40.1	42.2	53.3
Revenue goods ton-miles:									
Express - Scheduled services	17,234	340,254	357,488	-	10,342	19,819	2,351	32,512	390,000
Non-scheduled services	842	-	842	840	-	11,062	379	12,281	13,123
Totals	18,076	340,254	358,330	1,589	10,342	30,881	2,730	44,793	403,123
Freight - Scheduled services	1,020,036	3,071,795	4,091,831	1,589	159,198	-	9,095	169,882	4,261,713
Non-scheduled services	2,925	-	2,925	112,511	1,833	-	10,714	125,078	128,003
Totals	1,022,961	3,071,795	4,094,756	114,100	161,031	-	19,809	294,960	4,389,716

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

November 1963

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	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:	37,093	160,038	197,131	123	3,219	3,248	1,122	7,712	204,843
Excess baggage - Scheduled services	117	-	117	3,235	40	2,976	99	6,350	6,467
Non-scheduled services	37,210	160,038	197,248	3,358	3,259	6,224	1,221	14,062	211,310
Totals	206,660	1,225,955	1,432,615	3,595	43,444	1,054	5,625	53,682	1,486,297
Mail - Scheduled services	3,595	-	3,595	17,432	203	1,271	5,520	24,426	28,021
Non-scheduled services	210,255	1,225,955	1,436,210	20,991	43,647	2,325	11,145	78,108	1,514,318
Totals	1,281,023	4,798,042	6,079,065	5,271	216,203	24,121	18,193	263,788	6,342,853
Total - Scheduled services	7,479	-	7,479	134,018	2,096	15,309	16,712	168,135	175,614
Non-scheduled services	1,288,502	4,798,042	6,086,544	139,289	218,299	39,430	34,905	431,923	6,518,467
Totals	16,629,228	45,079,352	61,708,580	82,642	959,140	243,187	269,753	1,554,722	63,263,302
Available ton-miles on scheduled services	40.9	51.1	48.3	40.8	50.7	65.9	54.9	53.3	48.4
Weight load factor on scheduled services(3)									
Bulk:									
Revenue - Departures	15	41	56	591	771	4	159	1,525	1,581
Hours flown	83	92	175	579	720	6	439	1,744	1,919
Miles flown	26,068	32,189	58,257	64,317	90,190	820	78,887	234,214	292,471
Passengers carried	630	1,284	1,894	1,243	1,606	12	665	3,526	5,420
Freight carried	-	-	-	119,485	694,959	140	495,458	1,310,042	1,310,042
Non-transportation services:									
Specialty flying:	-	7	7	222	-	-	-	222	229
Revenue hours flown									
Total - All services:									
Traffic, hours and miles: (4)									
Revenue:									
Departures	1,732	10,133	11,865	1,458	1,916	948	1,109	5,431	17,296
Hours flown	3,361	12,710	16,071	1,465	1,996	694	1,444	5,599	21,670
Miles flown	1,144,598	3,529,627	4,674,225	185,219	279,768	119,412	224,550	808,949	5,483,174
Passengers carried	34,537	294,868	329,405	6,592	13,209	8,107	5,342	33,250	362,655
Cargo carried	824,415	5,980,320	6,804,735	570,401	1,310,821	156,549	610,444	2,648,215	9,452,950
Goods carried	1,034,869	8,736,193	9,771,062	732,290	1,505,378	224,672	698,990	3,161,330	12,932,392

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

November 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	45	270	315	115	126	16	37	294	609
Passengers carried	1,566	..	..	290	317	139	130	876	..
Goods carried	106,729	..	..	2,669	42,858	..	16,324	61,851	..
Passenger-miles	3,114,460	11,239,647	14,354,107	86,108	114,636	42,939	62,231	305,914	14,660,021
Goods ton-miles	142,287	282,429	424,716	677	15,208	-	4,547	20,432	445,148
Fuel consumed:									
Turbo fuel - Quantity	2,911,732	9,703,554	12,615,286	81,800	-	135,982	58,995	276,777	12,892,063
Cost	\$ 521,969	\$ 1,325,160	\$ 1,847,129	\$ 19,632	-	\$ 16,932	\$ 13,312	\$ 49,876	\$ 1,897,005
Gasoline - Quantity	383,696	-	383,696	72,596	210,259	12,588	141,999	437,442	821,138
Cost	\$ 107,926	-	\$ 107,926	\$ 26,860	\$ 89,710	\$ 2,448	\$ 52,178	\$ 171,196	\$ 279,122
Oil consumed:									
Turbo aircraft - Quantity ..	412	2,486	2,898	35	-	1,018	1,968	3,021	5,919
Cost	\$ 3,371	\$ 25,503	\$ 28,874	\$ 434	-	\$ 901	\$ 1,968	\$ 3,303	\$ 32,177
Other aircraft - Quantity ..	4,901	-	4,901	1,116	2,549	478	-	4,143	9,044
Cost	\$ 4,516	-	\$ 4,516	\$ 1,395	\$ 3,186	\$ 240	-	\$ 4,821	\$ 9,337
Average number of employees:									
Flying personnel	469	1,328	1,797	67	84	39	79	269	2,066
Other personnel	2,144	10,057	12,201	292	328	232	278	1,130	13,331
Totals	2,613	11,385	13,998	359	412	271	357	1,399	15,397
Salaries and wages paid:									
Flying personnel	\$ 386,903	\$ 1,073,225	\$ 1,460,128	\$ 44,349	\$ 66,796	\$ 24,508	\$ 47,547	\$ 183,200	\$ 1,643,328
Other personnel	\$ 975,170	\$ 4,842,690	\$ 5,817,860	\$ 119,831	\$ 155,445	\$ 91,582	\$ 105,800	\$ 472,658	\$ 6,290,518
Totals	\$ 1,362,073	\$ 5,915,915	\$ 7,277,988	\$ 164,180	\$ 222,241	\$ 116,090	\$ 153,347	\$ 655,858	\$ 7,933,846

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

November 1963

- 13 -

	Canadian Pacific Air Lines	Eastern Provincial Airways(1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	27,584	5,298	11,063	8,095	4,364	252,603	309,007
Domestic interline	2,859	-	-	-	-	41,001	47,039
Foreign interline	3,179	-	-	-	-	-	-
Totals(2)	33,622	5,298	11,063	8,095	4,364	293,604	356,046
Revenue express carried:							
Originated	66,933	3,495	36,930	156,409	12,974	923,077	1,199,818
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	66,933	3,495	36,930	156,409	12,974	923,077	1,199,818
Revenue freight carried:							
Originated	625,011	445,432	551,245	-	58,517	5,057,243	6,737,448
Domestic interline	16,323	-	-	-	-	-	16,323
Foreign interline	31,735	-	-	-	-	-	31,735
Totals(2)	673,069	445,432	551,245	-	58,517	5,057,243	6,785,506
Revenue excess baggage carried:							
Originated .....	..	14,112	16,516	35,805	6,071	..	72,504(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	14,112	16,516	35,805	6,071	..	72,504(3)
Revenue mail carried:							
Originated	210,454	141,252	174,131	32,318	30,065	2,755,873	3,344,093
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	210,454	141,252	174,131	32,318	30,065	2,755,873	3,344,093

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

November 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,569	373	281	96	2,319	9,490	11,809
Revenue hours flown	2,146	1,344	740	631	4,861	11,028	15,889
Revenue miles scheduled	499,038	577,341	330,555	268,199	1,675,133	2,827,491	4,502,624
Revenue miles flown:							
Scheduled services - Regular	485,912	567,456	330,143	268,199	1,651,710	2,771,135	4,422,845
Extra sections	18,124	6,640	17,797	-	42,561	105,538	148,099
Non-scheduled services	-	-	-	-	-	45,024	45,024
Totals	504,036	574,096	347,940	268,199	1,694,271	2,921,697	4,615,968
Ratio of regular miles flown to miles scheduled	97.4	98.3	99.9	100.0	98.6	98.0	98.2
Revenue passengers carried No.	...	...	...	...	100,291	227,220	327,511
Revenue cargo carried lb.	...	...	...	...	2,968,441	3,836,294	6,804,735
Revenue mail carried .....	...	...	...	...	391,634	2,574,693	2,966,327
Revenue passenger-miles	26,607,887	33,660,215	19,947,453	15,514,706	95,730,261	142,588,593	238,318,854
Available seat-miles on scheduled services	43,493,696	72,718,542	46,642,053	33,159,888	196,014,179	246,721,321	442,735,500
Passenger load factor on scheduled services ...	61.2	46.3	42.8	46.8	48.8	57.8	53.8
Revenue goods ton-miles:							
Express	60,775	-	-	-	60,775	297,555	358,330
Freight	282,242	921,627	272,329	425,684	1,901,882	2,192,874	4,094,756
Excess baggage	18,192	26,885	24,767	11,538	81,382	115,866	197,248
Mail	35,167	220,285	55,330	106,279	417,061	1,019,149	1,436,210
Totals	396,376	1,168,797	352,426	543,501	2,461,100	3,625,444	6,086,544
Available ton-miles on scheduled services	5,326,224	10,197,023	6,470,540	4,316,337	26,310,124	35,398,456	61,708,580
Weight load factor on scheduled services(1) ...	57.4	44.5	36.3	48.5	45.7	50.2	48.3

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services,
Groups I to IV, by Type of Service

November 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,014	36,789	34,077	599,536
Recreational flying	676	14,677	12,066	279,903
Aerial photography and survey	214	36,413	4,261	670,409
Aerial photography (excluding survey)	44	4,836	1,538	195,232
Aerial pest control	41	6,432	2,541	386,125
Aerial advertising	5	575	80	6,909
Aerial patrol and inspection	472	27,797	13,355	1,213,302
Aircraft rental	21	653	394	9,353
Aerial fish cultivation	7	945	10	1,240
Geophysical survey	370	125,694	8,006	890,559
Non-transportation charter	16	5,833	1,185	161,393
Other specialty flying	121	23,487	1,606	316,046
Total specialty flying	4,001	284,131	79,119	4,730,007

TABLE 8. Statistical Summary of Canadian Carriers Operating
Helicopters only, Groups I to IV

November 1963

	Month	Year to date
Revenue hours flown	982	47,962
Average number of aircraft	108	117
Average number of employees:		
Flying personnel	149	158
Other personnel	92	107
Totals	241	265
Salaries and wages paid:		
Flying personnel	91,744	1,191,682
Other personnel	46,891	636,844
Totals	138,635	1,828,526
Operating revenues:		
Bulk transportation	123,883	4,880,970
Other flying services	21,577	532,335
Non-flying services	Dr. 9,513	132,859
Totals	135,947	5,546,164
Operating expenses:		
Flying operations	138,623	2,087,381
Maintenance	Cr. 154,591	1,444,303
General services and administration	94,194	578,540
Depreciation and amortization	47,595	684,892
Totals	125,821	4,795,116
Operating income (loss)	10,126	751,048
Net income (deficit) after income taxes	Dr. 34,847	784,640

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

November 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	62,995	61,995	124,990	7,763	12,057	19,820
Bulk transportation "	308	46	354	508	624	1,132
Totals "	63,303	62,041	125,344	8,271	12,681	20,952
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	600,972	2,073,439	2,674,411	498,809	1,295,432	1,794,241
Bulk transportation "	-	-	-	-	-	-
Totals "	600,972	2,073,439	2,674,411	498,809	1,295,432	1,794,241
Mail carried (unit toll transportation) "	121,361	212,573	333,934	112,920	129,364	242,284
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	5,584	4,300	9,884	76,342	78,352	154,694
Bulk transportation "	219	46	265	1,035	716	1,751
Totals "	5,803	4,346	10,149	77,377	79,068	156,445
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	164,041	176,041	340,082	1,263,822	3,544,912	4,808,734
Bulk transportation "	-	-	-	-	-	-
Totals "	164,041	176,041	340,082	1,263,822	3,544,912	4,808,734
Mail carried (unit toll transportation) "	17,661	25,553	43,214	251,942	367,490	619,432
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	47,872	49,118	96,990	28,470	29,234	57,704
Bulk transportation "	840	322	1,162	195	394	589
Totals "	48,712	49,440	98,152	28,665	29,628	58,293
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	817,266	1,987,738	2,805,004	446,556	1,557,174	2,003,730
Bulk transportation "	-	-	-	-	-	-
Totals "	817,266	1,987,738	2,805,004	446,556	1,557,174	2,003,730
Mail carried (unit toll transportation) "	174,240	188,019	362,259	77,702	179,471	257,173

(1) Passengers and goods in transit through Canada are excluded.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation::	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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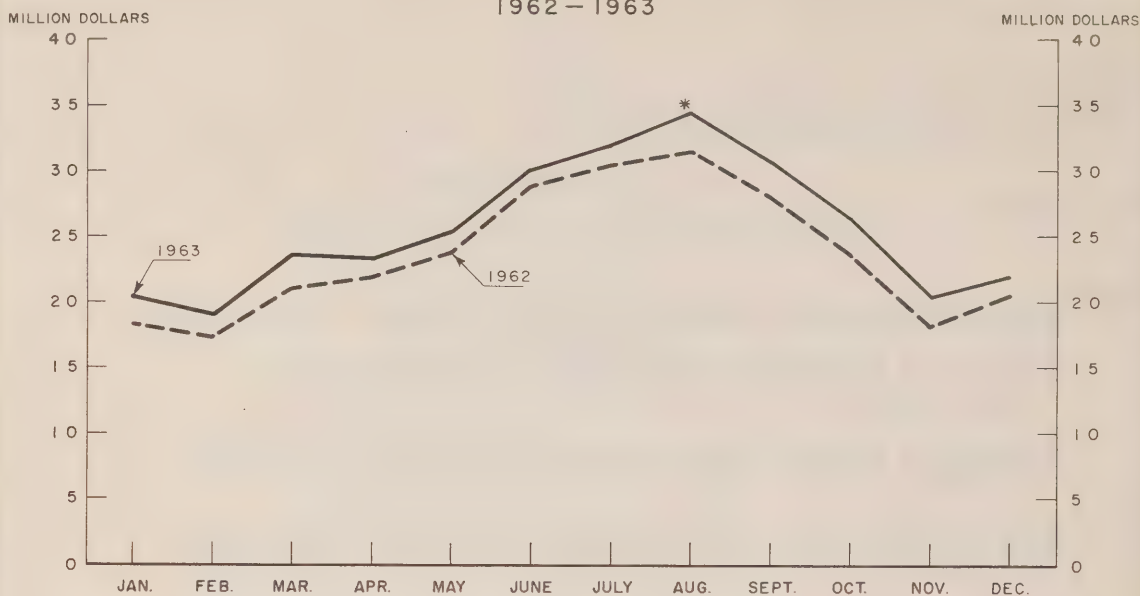
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- ... Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

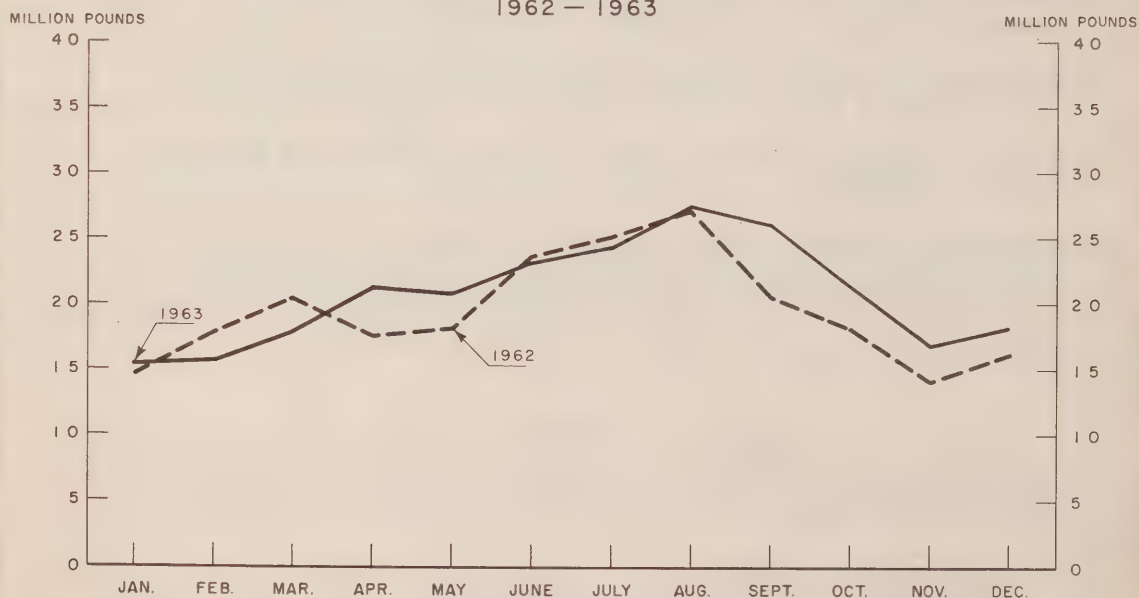
OPERATING REVENUE OF CANADIAN AIR CARRIERS

1962 - 1963



REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1962 - 1963



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. which is classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of December Operations

Increases were reported in the transportation of both revenue passengers and goods by Canadian air carriers during the month of December, compared with December 1962. Revenue passengers carried totalled 374,599 an increase of 3.9 per cent and goods transported rose to 9,098 tons, an increase of 13.1 per cent. The revenue miles flown were up 6.3 per cent to 7,125,220.

December operating revenues showed a 6.6 per cent increase over December 1962 to \$21,849,511 while operating expenses rose 19.4 per cent to \$27,293,631. Thus, an operating loss of \$5,444,120 was reported. This compares with a loss of \$2,363,744 for the same month the previous year. A net deficit after provision for income taxes of \$7,050,219 was reported as against a deficit of \$2,789,785 in December 1962.

Revenue hours flown by helicopters decreased 8.3 per cent to 802 from December 1962. Operating revenues declined 53.7 per cent to \$175,339 while the operating expenses increased 22.5 per cent to \$687,081.

In December, the six scheduled carriers transported 350,185 revenue passengers, 93.5 per cent of all passengers carried by Canadian services. They also carried 7,221 tons of revenue goods which is 79.4 per cent of the total carried. Operating revenues amounted to \$20,191,286, or 92.4 per cent of all Canadian revenues. Operating expenses amounted to \$24,482,081, or 89.7 per cent of the total. Comparable figures in December, 1962 are; passengers 93.1 per cent, goods 77.0 per cent, revenues 91.6 per cent and expenses 88.8 per cent.

The Cumulative View

The twelve months of 1963 compared to 1962 showed the revenue passengers carried increased 11.5 per cent to 5,870,049, while revenue goods rose 2.5 per cent to 123,305 tons. Operating revenues increased 8.7 per cent to \$309,482,337 while operating expenses increased 6.3 per cent to \$294,958,394.

Foreign Carriers

Foreign carriers licensed to operate in Canada transported 62,924 revenue passengers during December, an increase of 14.4 per cent over December 1962, while revenue goods carried totalled 1,213 tons, an increase of 30.6 per cent. Foreign carriers licensed to operate in Canada are required to report hours and miles flown over Canadian territory only. Details of passengers in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

December 1963

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	19	67	86	92	10	9	111	..
Transportation services:									
Unit toll:									
Revenue departures	16,605	1,306	783	2,089	18,694	..	..	..	..
Revenue hours flown	21,069	1,942	432	2,374	23,443	327	794	24,564	314,246
Revenue miles scheduled	5,061,873	...	...	...	5,061,873	84,038	298,354	5,444,265	71,234,492
Revenue miles flown:									
Scheduled services	5,388,283(4)	...	...	...	5,388,283(4)	79,362	302,571	5,770,216(4)	72,687,041(4)
Non-scheduled services ...	321,300(4)	241,355	50,306	291,661	612,961(4)	-	-	612,961(4)	8,451,349(4)
Totals	5,709,583	241,355	50,306	291,661	6,001,244	79,362	302,571	6,383,177	81,138,390
Revenue passengers carried "	344,411	6,469	3,060	9,529	353,940	44,752	17,015	415,707	5,681,591
Revenue goods carried:									
Cargo	8,626,282	381,593	116,315	497,908	9,124,190	666,602	1,289,706	11,152,832	120,284,380
Excess baggage	60,214(5)	200	11,920	12,120	72,334(5)	-	-	-	-
Mail	4,527,059	178,912	39,142	218,054	4,745,113	222,998	246,157	5,214,268	45,151,288
Totals	13,213,555	560,705	167,377	728,082	13,941,637	889,600	1,535,863	16,367,100	165,435,668
Revenue passenger-miles	264,667,826	1,262,146	170,685	1,432,831	266,100,657	1,940,854	12,739,125	280,780,636	3,826,606,241
Revenue goods ton-miles:									
Cargo	4,816,681	96,820	5,885	102,705	4,919,386	15,787	457,615	5,585,507	61,822,555
Excess baggage	192,267	16	436	452	192,719	-	-	-	-
Mail	2,055,278	40,473	2,015	42,488	2,097,766	4,368	103,803	2,205,937	18,546,111
Totals	7,064,226	137,309	8,336	145,645	7,209,871	20,155	561,418	7,791,444	80,368,666
Bulk:									
Revenue - Departure	1,315	2,614	6,105	8,719	10,034	..	..	..	..
Hours flown	1,935	2,631	4,158	6,789	8,724	-	36	8,760	250,538
Miles flown	349,201	299,942	474,833	774,775	1,123,976	-	9,830	1,133,806	27,218,409
Passengers carried "	5,774	5,637	9,248	14,885	20,659	84	1,073	21,816	595,731
Freight carried .. lb.	1,229,273	1,790,113	1,235,337	3,025,450	4,254,723	-	-	4,254,723	114,279,347
Non-transportation services:									
Specialty flying:									
Revenue hours flown	107	682	2,622	3,304	3,411	-	-	3,411	82,530

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

December 1963

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles: (6)										
Revenue:										
Departures	17,920	3,920	6,888	10,808	28,728					
Hours flown	23,111	5,255	7,212	12,467	35,578					
Miles flown	6,058,784	541,297	525,139	1,066,436	7,125,220					
Passengers carried	350,185	12,106	12,308	24,414	374,599					
Cargo carried	9,855,555	2,171,706	1,351,652	3,523,358	13,378,913					
Goods carried	14,442,828	2,350,818	1,402,714	3,753,532	18,196,360					
Non-revenue:										
Hours flown	542	351	354	705	1,247					
Passengers carried		3	2	5						
Goods carried		1,130	-	1,130						
Passenger-miles	12,713,675	716	123	839	12,714,514					
Goods ton-miles	496,092	148	-	148	496,240					
Fuel consumed:										
Turbo fuel - Quantity	gal.	-	10,533	10,533	14,373,076					
Cost	\$	-	2,363	2,363	2,119,065					
Gasoline - Quantity	gal.	301,819	139,312	441,131	1,306,388					
Cost	\$	274,646	59,049	181,698	456,344					
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	3,921	2	2	3,923					
Cost	\$	32,154	30	30	32,184					
Other aircraft - Quantity ..	gal.	13,296	3,709	5,842	19,138					
Cost	\$	13,928	6,015	9,037	22,965					
Average number of employees:										
Flying personnel	No.	2,027	247	587	2,614					
Other personnel	"	13,326	390	1,058	14,384					
Totals	"	15,353	637	1,645	16,998					
Salaries and wages paid:										
Flying personnel	\$	1,686,491	145,463	395,138	2,081,629					
Other personnel	\$	7,304,590	162,199	501,965	7,806,555					
Totals	\$	8,991,081	307,662	897,103	9,888,184					

(1) Group II non-scheduled carriers included with Group III for

purposes of this report.

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

December 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers	15,341,937	754,214	16,096,151	159,118	34,064	193,182	16,289,333	225,698,412
Express	231,399	49,940	281,339	7,144	3,398	10,542	291,881	4,472,828
Freight	1,392,797	203,762	1,596,559	55,353	6,170	61,523	1,658,082	14,371,092
Excess baggage	115,178	13,281	128,459	3,056	767	3,823	132,282	1,579,515
Mail	1,606,275	162,246	1,768,521	71,165	9,611	80,776	1,849,297	15,813,082
Total unit toll transportation ..	18,687,586	1,183,443	19,871,029	295,836	54,010	349,846	20,220,875	261,934,929
Bulk transportation	244,063	311,043	555,106	502,156	372,025	874,181	1,429,287	37,033,060
Total transportation	18,931,649	1,494,486	20,426,135	797,992	426,035	1,224,027	21,650,162	298,967,989
Other flying services	11,559	18,121	29,680	187,114	89,550	276,664	306,344	5,029,429
Total flying services	18,943,208	1,512,607	20,455,815	985,106	515,585	1,500,691	21,956,506	303,997,418
Non-flying services	299,640	35,111	Dr.	92,003	65,531	157,534	Dr.	106,995
Total operating revenues	18,643,568	1,547,718	20,191,286	1,077,109	581,116	1,658,225	21,849,511	309,482,337
Operating expenses:								
Flying operations	7,797,456	505,866	8,303,322	459,786	342,485	802,271	9,105,593	82,888,685
Maintenance	3,450,150	451,109	3,901,259	620,322	355,688	976,010	4,877,269	62,576,732
General services and administration:								
Passenger service	1,373,803	49,982	1,423,785	..	..	..	..	..
Aircraft and traffic servicing	2,785,183	271,897	3,057,080	..	..	..	..	..
Promotion and sales	3,261,911	136,015	3,397,926	..	..	..	..	..
General administration	1,114,742	121,975	1,236,717	..	..	..	..	..
Totals	8,535,639	579,869	9,115,508	455,131	235,144	690,275	9,805,783	115,784,881
Depreciation and amortization	2,962,170	199,822	3,161,992	227,055	115,939	342,994	3,504,986	33,708,096
Total operating expenses	22,745,415	1,736,666	24,482,081	1,762,294	1,049,256	2,811,550	27,293,631	294,958,394
Operating income (loss)	Dr. 4,101,847	Dr. 188,948	Dr. 4,290,795	Dr. 685,185	Dr. 468,140	Dr. 1,153,325	Dr. 5,444,120	14,523,943
Non-operating income - Net:								
Capital gains and losses	156,789	142,340	299,129	25,596	20,280	45,876	345,005	1,186,137
Interest and discounts	163,498	9	163,507	79,162	1,654	80,816	244,323	1,542,570
Miscellaneous non-operating income ..	39,216	35,915	75,131	Dr. 7,815	26,815	19,000	94,131	209,065
Income before interest expense	Dr. 3,742,344	Dr. 10,684	Dr. 3,753,028	Dr. 588,242	Dr. 419,391	Dr. 1,007,633	Dr. 4,760,661	17,461,715
Interest expense	2,224,212	58,632	2,282,844	35,615	37,529	73,144	2,355,988	14,105,712
Income before income taxes	Dr. 5,966,556	Dr. 69,316	Dr. 6,035,872	Dr. 623,857	Dr. 456,920	Dr. 1,080,777	Dr. 7,116,649	3,356,003
Provision for income taxes	-	Cr. 40,000	Cr. 40,000	Cr. 34,008	7,578	Cr. 26,430	Cr. 66,430	394,768
Net income after income taxes	Dr. 5,966,556	Dr. 29,316	Dr. 5,995,872	Dr. 589,849	Dr. 464,498	Dr. 1,054,347	Dr. 7,050,219	2,961,235

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

December 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers	3,545,334	155,070	243,963	211,964	143,217	11,796,603	16,096,151	221,848,530
Express	16,577	746	13,629	33,997	1,568	214,822	281,339	4,337,789
Freight	282,406	95,660	85,657	-	22,445	1,110,391	1,596,559	13,280,384
Excess baggage	42,908	3,080	4,324	5,139	738	72,270	128,459	1,495,766
Mail	334,160	60,904	51,700	8,701	40,941	1,272,115	1,768,521	14,930,082
Total unit toll transportation ..	4,221,385	315,460	399,273	259,801	208,909	14,466,201	19,871,029	255,892,551
Bulk transportation	101,657	60,412	90,723	4,335	155,573	142,406	555,106	14,935,526
Total transportation	4,323,042	375,872	489,996	264,136	364,482	14,608,607	20,426,135	270,828,077
Other flying services	-	18,121	-	-	-	11,559	29,680	270,971,407
Total flying services	4,323,042	393,993	489,996	264,136	364,482	14,620,166	20,455,815	3,174,345
Non-flying services	102,381	1,037	26,765	4,902	2,407	402,021	264,529	276,145,752
Total operating revenues	4,425,423	395,030	516,761	269,108	366,889	14,218,145	20,191,286	
Operating expenses:								
Flying operations	1,626,820	150,094	176,334	80,316	99,122	6,170,636	8,303,322	69,218,651
Maintenance	844,604	116,969	114,500	92,947	126,693	2,605,546	3,901,259	53,172,870
General services and administrations:								
Passenger service	298,773	10,890	16,762	5,642	16,688	1,075,030	1,423,785	18,944,908
Aircraft and traffic servicing	537,721	84,741	131,174	22,633	33,349	2,247,462	3,057,080	37,483,572
Promotion and sales	963,598	10,138	20,702	59,447	45,728	2,298,313	3,397,926	41,062,303
General administration	221,112	22,998	34,763	26,564	37,650	893,630	1,236,717	11,715,641
Totals	2,021,204	128,767	203,601	114,286	133,415	6,514,435	9,115,508	109,206,424
Depreciation and amortization	206,796	55,826	33,686	34,621	75,589	2,755,374	3,161,992	30,216,975
Total operating expenses	4,699,424	451,756	527,921	322,170	434,819	18,045,991	24,482,081	261,814,920
Operating income (loss)	Dr. 274,001	Dr. 56,726	Dr. 11,160	Dr. 53,132	Dr. 67,930	Dr. 3,827,846	Dr. 4,290,795	12,330,832
Non-operating income - Net:								
Capital gains and losses	156,789	-	971	143,945	634	-	299,129	696,333
Interest and discounts	63,868	-	-	66	57	99,630	163,507	1,420,752
Miscellaneous non-operating income ..	11,505	262	41,109	2,166	3,290	27,711	75,131	137,201
Income before interest expense	Dr. 41,839	Dr. 56,464	Dr. 28,978	Dr. 88,713	Dr. 71,911	Dr. 3,700,505	Dr. 3,753,028	14,585,118
Interest expense	1,254,009	27,464	15,084	12,413	3,671	970,203	2,282,844	13,417,406
Income before income taxes	Dr. 1,295,848	Dr. 83,928	Dr. 13,894	Dr. 76,300	Dr. 75,582	Dr. 4,670,708	Dr. 6,035,872	1,167,712
Provision for income taxes	-	-	-	-	40,000	-	40,000	115,145
Net income after income taxes	Dr. 1,295,848	Dr. 83,928	Dr. 13,894	Dr. 76,300	Dr. 35,582	Dr. 4,670,708	Dr. 5,995,872	1,052,567

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

December 1963

	Group I carriers				Group II carriers				Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)		
Transportation services:										
Unit toll:										
Revenue departures	No.	1,710	10,576	12,286	939	1,133	1,043	1,204	4,319	16,605
Revenue hours flown	"	-3,487	13,446	16,933	807	1,300	774	1,255	4,136	21,069
Revenue miles scheduled	"	1,151,065	3,551,728	4,702,793	25,253	173,334	68,998	91,495	359,080	5,061,873
Revenue miles flown:										
Scheduled services - Regular	"	1,136,097	3,487,241	4,623,338	23,362	147,817	65,923	89,175	326,277	4,949,615
Extra section	"	46,566	341,208	387,774	3,717	23,768	7,799	15,610	50,894	438,668
Non-scheduled services	"	43,980	-	43,980	117,467	22,799	63,165	73,889	277,320	321,300
Totals	"	1,226,643	3,828,449	5,055,092	144,546	194,384	136,887	178,674	654,491	5,709,583
Ratio of regular miles flown to miles scheduled		98.7	98.2	98.3	92.5	85.3	95.5	97.5	90.9	97.8
Revenue passengers carried	No.	36,407	277,841	314,248	6,308	10,862	8,211	4,782	30,163	344,411
Revenue goods carried:										
Express	lb.	70,511	955,946	1,026,457	3,365	38,547	169,059	11,887	222,858	1,249,315
Freight	"	768,249	5,371,068	6,139,317	530,735	551,240	-	155,675	1,237,650	7,376,967
Excess baggage	"	-	-	-	13,132	13,510	29,239	4,333	60,214	60,214(2)
Mail	"	282,477	3,612,463	3,894,940	232,244	214,140	43,706	142,029	632,119	4,527,059
Totals	"	1,121,237	9,939,477	11,060,714	779,476	817,437	242,004	313,924	2,152,841	13,213,555
Revenue passenger-miles:										
Scheduled services	No.	63,628,694	191,287,872	254,916,566	370,889	2,649,267	1,404,941	1,394,289	5,819,386	260,735,952
Non-scheduled services	"	939,763	-	939,763	1,563,495	50,048	1,102,171	276,397	2,992,111	3,931,874
Totals	"	64,568,457	191,287,872	255,856,329	1,934,384	2,699,315	2,507,112	1,670,686	8,811,497	264,667,826
Available seat-miles on scheduled services	"	140,962,457	346,479,376	487,441,833	1,081,088	7,581,649	2,563,856	3,741,375	14,967,968	502,409,801
Passenger load factor on scheduled services		45.1	55.2	52.3	36.3	34.9	54.8	37.3	38.9	51.9
Revenue goods ton-miles:										
Express - Scheduled services	No.	17,624	334,686	352,310	-	10,933	19,868	2,126	32,927	385,237
Non-scheduled services	"	754	-	754	574	-	12,200	450	13,224	13,978
Totals	"	18,378	334,686	353,064	574	10,933	32,068	2,576	46,151	399,215
Freight - Scheduled services	"	931,190	3,099,088	4,030,278	1,960	160,004	-	7,070	169,034	4,199,312
Non-scheduled services	"	2,361	-	2,361	197,069	3,100	-	15,624	215,793	218,154
Totals	"	933,551	3,099,088	4,032,639	199,029	163,104	-	22,694	384,827	4,417,466

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

December 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:	45,287	135,499	180,786	156	2,380	2,279	794	5,609	186,395
Excess baggage - Scheduled services No.									
Non-scheduled services	67	-	67	3,156	18	2,547	84	5,805	5,872
Totals	45,354	135,499	180,853	3,312	2,398	4,826	878	11,414	192,267
Mail - Scheduled services	285,544	1,651,045	1,936,589	4,526	54,434	3,317	6,557	68,834	2,005,423
Non-scheduled services	3,719	-	3,719	32,729	360	2,213	10,834	46,136	49,855
Totals	289,263	1,651,045	1,940,308	37,255	54,794	5,530	17,391	114,970	2,055,278
Total - Scheduled services	1,279,645	5,220,318	6,499,963	6,642	227,751	25,464	16,547	276,404	6,776,367
Non-scheduled services	6,901	-	6,901	233,528	3,478	16,960	26,992	280,958	287,859
Totals	1,286,546	5,220,318	6,506,864	240,170	231,229	42,424	43,539	557,362	7,064,226
Available ton-miles on scheduled services	18,683,948	49,333,892	68,017,840	87,625	1,006,027	473,378	428,966	1,995,996	70,013,836
Weight load factor on scheduled services(3)	40.9	49.4	47.0	49.9	49.0	35.1	36.4	43.0	46.9
Bulk:									
Revenue - Departures	24	56	80	285	708	18	224	1,235	1,315
Hours flown	148	198	346	360	697	19	513	1,589	1,935
Miles flown	50,436	86,901	137,337	38,673	82,758	2,740	87,693	211,864	349,201
Passengers carried	783	1,665	2,448	766	1,479	169	912	3,326	5,774
Freight carried	33,372	-	33,372	100,147	574,616	921	520,217	1,195,901	1,229,273
Non-transportation services:									
Specialty flying:	-	37	37	70	-	-	-	70	107
Revenue hours flown	-	37	37	70	-	-	-	70	107
Total - All services:									
Traffic, hours and miles: (4)									
Revenue:									
Departures	1,734	10,632	12,366	1,224	1,841	1,061	1,428	5,554	17,920
Hours flown	3,635	13,681	17,316	1,237	1,997	793	1,768	5,795	23,111
Miles flown	1,277,079	3,915,350	5,192,429	183,219	277,142	139,627	266,367	666,355	6,058,784
Passengers carried	37,190	279,506	316,696	7,074	12,341	8,380	5,694	33,489	350,185
Cargo carried	872,132	6,327,014	7,199,146	634,247	1,164,403	169,980	687,779	2,656,409	9,855,555
Goods carried	1,154,609	9,939,477	11,094,086	879,623	1,392,053	242,925	834,142	3,348,742	14,442,828

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

December 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
Total - All services - Concluded:									
Traffic, hours and miles (4) - Concluded:									
Non-revenue:									
Hours flown	43	212	255	67	130	28	62	287	542
Passengers carried	1,264	..	..	264	294	127	132	817	..
Goods carried	120,996	..	..	5,182	42,581	..	18,410	66,173	..
Passenger-miles	2,448,305	9,957,101	12,405,406	104,490	91,986	34,708	77,085	308,269	12,713,675
Goods ton-miles	176,425	296,410	472,835	1,452	16,307	-	5,498	23,257	496,092
Fuel consumed:									
Turbo fuel - Quantity	3,368,559	10,722,810	14,091,369	85,400	-	124,015	61,759	271,174	14,362,543
Cost	600,006	1,455,570	2,055,576	20,496	-	26,659	13,971	61,126	2,116,702
Gasoline - Quantity	380,821	-	380,821	73,392	227,214	17,181	166,649	484,636	865,257
Cost	105,703	-	105,703	27,155	74,125	5,964	61,699	168,943	274,646
Oil consumed:									
Turbo aircraft - Quantity ..	671	2,396	3,067	37	-	817	-	854	3,921
Cost	6,742	24,119	30,861	458	-	835	-	1,293	32,154
Other aircraft - Quantity ..	4,664	-	4,664	1,128	4,732	742	2,030	8,632	13,296
Cost	4,173	-	4,173	1,410	5,914	401	2,030	9,755	13,928
Average number of employees:									
Flying personnel	461	1,305	1,766	68	84	39	70	261	2,027
Other personnel	2,161	10,025	12,186	300	333	232	275	1,140	13,326
Totals	2,622	11,330	13,952	368	417	271	345	1,401	15,353
Salaries and wages paid:									
Flying personnel	398,777	1,108,868	1,507,645	39,872	69,342	25,724	43,908	178,846	1,686,491
Other personnel	1,172,643	5,630,107	6,802,750	135,611	164,584	95,475	106,170	501,840	7,304,590
Totals	1,571,420	6,738,975	8,310,395	175,483	233,926	121,199	150,078	680,686	8,991,081

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

TABLE 5. Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

December 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	30,888	4,657	10,360	8,211	4,388	236,545	295,049
Domestic interline	2,195	-	-	-	-	41,296	46,380
Foreign interline	2,889	-	-	-	-	-	-
Totals(2)	35,972	4,657	10,360	8,211	4,388	277,841	341,429
Revenue express carried:							
Originated	70,511	3,365	38,547	169,059	11,887	955,946	1,249,315
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	70,511	3,365	38,547	169,059	11,887	955,946	1,249,315
Revenue freight carried:							
Originated	651,009	530,215	508,586	-	59,624	5,371,068	7,120,502
Domestic interline	11,645	-	-	-	-	-	11,645
Foreign interline	31,111	-	-	-	-	-	31,111
Totals(2)	693,765	530,215	508,586	-	59,624	5,371,068	7,163,258
Revenue excess baggage carried:							
Originated .....	..	13,118	13,341	29,239	4,118	..	59,816(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	13,118	13,341	29,239	4,118	..	59,816(3)
Revenue mail carried:							
Originated	282,477	213,311	208,831	43,706	31,930	3,612,463	4,392,718
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	282,477	213,311	208,831	43,706	31,930	3,612,463	4,392,718

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

December 1963

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	1,610	372	398	122	2,502	9,784	12,286
Revenue hours flown	2,180	1,356	1,129	834	5,499	11,434	16,933
Revenue miles scheduled	502,356	593,178	421,957	339,463	1,856,954	2,845,839	4,702,793
Revenue miles flown:							
Scheduled services - Regular	488,481	584,185	421,957	327,268	1,821,891	2,801,447	4,623,338
Extra sections	31,597	14,926	79,887	27,670	154,080	233,694	387,774
Non-scheduled services	-	-	-	-	-	43,980	43,980
Totals	520,078	599,111	501,844	354,938	1,975,971	3,079,121	5,055,092
Ratio of regular miles flown to miles scheduled	97.2	98.5	100.0	96.4	98.1	98.4	98.3
Revenue passengers carried .....	...	...	...	...	107,237	207,011	314,248
Revenue cargo carried .....	...	...	...	...	2,979,103	4,186,671	7,165,774
Revenue mail carried .....	...	...	...	...	612,902	3,282,038	3,894,940
Revenue passenger-miles	26,094,896	39,153,666	29,602,473	17,355,424	112,206,459	143,649,870	255,856,329
Available seat-miles on scheduled services	44,664,350	76,930,829	65,171,825	44,373,087	231,140,091	256,301,742	487,441,833
Passenger load factor on scheduled services ...	58.4	50.9	45.4	39.1	48.5	55.7	52.3
Revenue goods ton-miles:							
Express	59,541	-	-	-	59,541	293,523	353,064
Freight	264,668	943,471	337,467	304,898	1,850,504	2,182,135	4,032,639
Excess baggage	15,905	28,944	31,146	14,049	90,044	90,809	180,853
Mail	46,744	427,755	69,990	147,795	692,284	1,248,024	1,940,308
Totals	386,858	1,400,170	438,603	466,742	2,692,373	3,814,491	6,506,864
Available ton-miles on scheduled services	5,489,040	11,030,381	8,995,123	5,730,091	31,244,635	36,773,205	68,017,840
Weight load factor on scheduled services(1) ...	54.6	48.2	37.8	38.4	44.5	49.2	47.0

(1) Standard passenger weight used: 200 pounds.

TABLE 8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV

December 1963

	Month		Year to date	
	Revenue hours earned	Revenue hours No.	Revenue earned \$	Year to date
Flying training	1,705	27,931	35,782	6,746,7
Recreational flying	612	19,498	12,678	299,401
Aerial photography and survey	86	35,255	4,347	705,664
Aerial photography (excluding survey)	65	3,432	1,603	198,664
Aerial pest control	17	240	2,558	386,365
Aerial advertising	30	2,695	110	9,604
Aerial patrol and inspection	603	42,059	13,958	1,255,361
Aircraft rental	21	2,050	415	11,403
Aerial fish cultivation	-	-	10	1,240
Geophysical survey	233	76,003	8,239	966,562
Non-transportation charter	9	9,713	1,194	171,106
Other specialty flying	30	21,840	1,636	337,886
Total specialty flying	3,411	240,716	82,530	4,970,723

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

December 1963

	Month		Year to date	
	Revenue hours earned	Revenue hours No.	Revenue earned \$	Year to date
Flying training	1,705	27,931	35,782	6,746,7
Recreational flying	612	19,498	12,678	299,401
Aerial photography and survey	86	35,255	4,347	705,664
Aerial photography (excluding survey)	65	3,432	1,603	198,664
Aerial pest control	17	240	2,558	386,365
Aerial advertising	30	2,695	110	9,604
Aerial patrol and inspection	603	42,059	13,958	1,255,361
Aircraft rental	21	2,050	415	11,403
Aerial fish cultivation	-	-	10	1,240
Geophysical survey	233	76,003	8,239	966,562
Non-transportation charter	9	9,713	1,194	171,106
Other specialty flying	30	21,840	1,636	337,886
Total specialty flying	3,411	240,716	82,530	4,970,723

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

December 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	68,917	58,938	127,855	12,480	10,552	23,032
Bulk transportation "	302	106	408	2,678	159	2,837
Totals "	69,219	59,044	128,263	15,158	10,711	25,869
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	548,393	2,127,924	2,676,317	610,651	1,152,677	1,763,328
Bulk transportation "	-	-	-	-	-	-
Totals "	548,393	2,127,924	2,676,317	610,651	1,152,677	1,763,328
Mail carried (unit toll transportation) "	181,955	312,902	494,857	250,830	233,769	484,599
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	9,761	5,222	14,983	91,158	74,712	165,870
Bulk transportation "	-	102	102	2,980	367	3,347
Totals "	9,761	5,324	15,085	94,138	75,079	169,217
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	217,356	114,349	331,705	1,376,400	3,394,950	4,771,350
Bulk transportation "	33,372	-	33,372	33,372	-	33,372
Totals "	250,728	114,349	365,077	1,409,772	3,394,950	4,804,722
Mail carried (unit toll transportation) "	28,225	38,288	66,513	461,010	584,959	1,045,969
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	57,025	47,078	104,103	34,133	27,634	61,767
Bulk transportation "	1,872	318	2,190	1,108	49	1,157
Totals "	58,897	47,396	106,293	35,241	27,683	62,924
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	882,578	1,932,464	2,815,042	493,822	1,462,486	1,956,308
Bulk transportation "	-	-	-	33,372	-	33,372
Totals "	882,578	1,932,464	2,815,042	527,194	1,462,486	1,989,680
Mail carried (unit toll transportation) "	306,227	270,587	576,814	154,783	314,372	469,155

(1) Passengers and goods in transit through Canada are excluded.

TABLE 10. Operating Statistics, Canadian Group V Carriers
Fourth Quarter 1963

	Quarter	Year to date
Number of reporting carriers	255	...
Bulk transportation:		
Revenue hours flown	15,495	75,724
Revenue passengers carried	29,326	157,402
Revenue goods carried	2,198,509	10,942,948
Specialty flying services:		
Revenue hours flown:		
Flying training	12,190	70,003
Recreational flying	3,716	20,376
Aerial photography and survey	255	1,112
Aerial photography (excluding survey)	73	559
Aerial pest control	98	6,010
Aerial advertising	-	14
Aerial patrol and inspection	779	4,874
Aircraft rental	2,941	12,913
Aerial fish cultivation	-	80
Geophysical survey	-	-
Non-transportation charter	-	30
Other specialty flying	122	3,725
Total specialty flying services ...	20,174	119,696
Total - All services:		
Revenue hours flown	35,669	195,420
Non-revenue hours flown	2,453	11,600

TABLE 11. Statement of Income, Canadian Group V Carriers
Fourth Quarter 1963

	Quarter	Year to date
		dollars
Operating revenues:		
Bulk transportation	814,859	3,860,140
Other flying services	410,868	2,857,195
Total flying services	1,225,727	6,717,335
Non-flying services	401,890	2,326,542
Total operating revenues	1,627,617	9,043,877
Operating expenses:		
Flying operations	909,156	3,911,508
Maintenance	367,381	1,601,806
General services and administration	551,309	2,539,417
Depreciation	343,402	1,166,784
Total operating expenses	2,171,248	9,219,515
Operating income (loss)	Dr. 543,631	Dr. 175,638
Non-operating income - Net	Dr. 54,580	Dr. 164,147
Income before income taxes	Dr. 598,211	Dr. 339,785
Provision for income taxes	Cr. 4,421	74,889
Net income after income taxes	Dr. 593,790	Dr. 414,674

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: (1) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (11) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, steward's supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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